

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

SOLE BID WINS 1986 CONVENTION SITE... Jamestown, New York will be the site of W.T.F.D.A. Convention '86. Once again, our host will be Mike Lapinski, organizer of the very enjoyable 1984 gathering in that southwestern New York location. Since there have been a number of W.T.F.D.A. conventions in his part of the country in recent years, Mike did not wish to bid against anyone else in the club; had more than one member bid, he was willing to withdraw from the running--however, his turned out to be the only bid after all. So it's Jamestown once again in 1986--and what a super place it is for a W.T.F.D.A. convention! Be watching future VUDs for further details.

NEW SOUTHERN FM DX EDITOR... We're happy to announce that we have a volunteer for this DX column; he is Eric Bueneman, c/o KCFV 89.5 FM, 3400 Pershall Rd., Ferguson MO 63135. Eric is a former editor of the National Radio Club's "BandScan" column in their excellent AM broadcast band DX bulletin, DX NEWS, and works as a production assistant and backup DJ. Be watching the VUD for his first column. We all owe a big thanks to SFM editor Danny Buntin for his years of service to the VUD!

MORE W.T.F.D.A. STAFF CHANGES... W.T.F.D.A.'S Supply Manager Mike Ehrhardt has had to give up his duties due to a lack of free time caused by his satellite dish business, and ANTENNA NEWS editor Doug Dornbos (also in the satellite TVRO business) has had to suspend his W.T.F.D.A. activities for similar reasons. We're also working out a set-up for the Editor-in-Chief position when Dave Nieman steps down in early 1986. Hopefully, the current "look" of the VUD, which your letters indicate is popular, will stay the same.

STAY UP AND BE LISTENING... Once again this year, ABC Talkradio's Ray Brem will focus his popular nationwide all-night show on the subject of DXing. There's more to the DXing hobby than just the VHF and UHF bands--here's your chance to hear all about it from some of most prominent people in the field. Some of the guests on the program will be members of W.T.F.D.A., among many other DXing groups. Our thanks to the fine DXers behind this great idea for a talk show; we suggest that all W.T.F.D.A.ers try to tune in. Check page 17 for further details. Avid DXers won't have any trouble staying up through the entire show; the rest of you can brew up a pot of coffee, or set up a tape recorder!

TELEVISION NEWS: Philly 57 jacks-up effective radiated power.....	3
FCC FM NEWS: Florida college "flunks out!".....	10
DX SPECIAL: Second annual DX gabfest coming on network radio!.....	17
EASTERN TV-DX: Some good fall tropes + Florida TV pirate.....	18
QSL CORNER: A bunch of TV QSLs.....	20
WESTERN TV-DX: Southern Es + call changes & stations testing.....	23
W.T.F.D.A. 1985 CONVENTION REPORT.....	25
NORTHERN FM-DX: France it isn't, but it's still Paris.....	28
FM STATISTICS: End of '85 Scoreboard totals.....	30
SOUTHERN FM-DX: Editor's last column.....	31
PHOTO-NEWS: DX from Central, South, Southwest, & Northeastern U.S.	35
REVIEW: Channel Master's 7206, for adjacent channel UHF problems....	40
SPECIAL REPORT: 3800-mile plus FM DX heard in South America!.....	40
STATION BREAK: More ads from the membership.....	41
TV STATISTICS: Some old channel records; let's have your updates....	42
SPECIAL OFFER: A real deal on the 1986 WORLD RADIO TV HANDBOOK.....	42

This month's cover layout by Dave Nieman.

TELEVISION NEWS

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NV Los Angeles; ch. 33; Nevada Broadcasting Group.

NM Albuquerque; ch. 41; Minority Broadcasters of Albuquerque; T&L Enterprises.

TX Katy; ch. 51; Louise Brunson.

MD Cumberland; ch. 65; Rita L. Young (Review Board, confirming earlier decision)

TN Hendersonville; ch. 50; Burwood Broadcasting Corporation (Evidently somebody at the FCC found out that Hendersonville is in North Carolina, not Tennessee.).

AZ Tolleson; ch. 51; Great Arizona Broadcasting Company; Marimar Communications Corp.

FL Miami; ch. 35; Communi-Centre Broadcasting

NC Raleigh; ch. 50; Brahman Communications; Charles Ray Shinn.

OK Oklahoma City; ch. 62; Non-Profit Television.

FL Orlando assignment; ch. 65; Metro Broadcasting Inc. (Orlando); Winter Park Communications Inc. (Winter Park).

GA Athens; ch. 34; Sunbelt Television Inc. (FCC decision, upholding Review Board).

FL Orlando; ch. 27; Spanish-American Broadcasting Inc.

NC Raleigh; ch. 50; Raleigh Community Broadcasting Company Ltd.

TX San Antonio; ch. 60; Spanish American Broadcasting Inc.; Thomas TV Associates.

ID Caldwell; ch. 9; Cascade Broadcasting (Review Board decision upholding initial decision).

TX Baytown; ch. 57; Neil I. Sanders (Review Board decision upholding Summary Decision).

HI Honolulu; ch. 5; KHAI-TV (application for MF to change from ch. 20 to ch. 5)

FL Panama City; ch. 28; Joyce/Cox Communications Group (returned by the FCC).

TX Rosenberg; ch. 45; Texas 45 Broadcasting (after a 5-year fight for the channel).

APPLICATIONS DISMISSED (OR RETURNED)

CO Castle Rock; ch. 53; Castle Rock TV Associates; Nonprofit Television Concepts; R&D Partners.

FL Lake Worth; ch. 67; Lake Worth Broadcasting Corporation; Lake Worth Communications.

CA Riverside; ch. 62; KIST Corporation; Bethel Broadcasting Inc.; Riverside Family Television Inc.; United American Telecasters (FCC decision, reversing earlier Review Board decision which had granted CP to KIST Corporation.)

FL Miami; ch. 35; Harmony Broadcasting Corp.

FL Tampa; ch. 50; Channel 50 Ltd.; Televista Tampa; Gary E. Wilson.

KY Morehead; ch. 67; John H. Leland

TN Memphis; ch. 50; Channel 50 of Memphis.

TX Odessa; ch. 42; Garcia Communications.

DE Dover; ch. 34; Delaware Citizens Committee.

FL Boca Raton; ch. 63; Acorn Television in Action for Communities.

FL Tequesta; ch. 25; Old Salt Broadcasting Company; Tequesta Broadcasting Corporation.

KY Bowling Green; ch. 59; Western Kentucky University.

TX Lubbock; ch. 16; TRG Broadcasting Systems

VA Grundy; ch. 68; Crescendo Communications

GA Augusta; ch. 54; Independent Masters Ltd. (ALJ proposed)

61 5000 2000 AL Mobile; Mobile TV 61 Inc.

65 5000 1797 FL Orlando; Rainbow Broadcasting Company (FCC upholding Review Board decision)
 34 4182 1035 GA Athens; Georgia Mountain Corp. (FCC upholding Review Board)
 9 155 2737 ID Caldwell; TRC Communications Inc. (Review Board upholding initial decision granting CP to Canyon Communications, which later became TRC)
 57 5000 981 TX Baytown; Villa-Reeve Ltd. (FCC affirming summary decision)

CONSTRUCTION PERMITS CANCELLED
 MO Jefferson City; ch. 36; KBBM-TV
 TX Victoria; ch. 31; KVTV
 UT Ogden; ch. 24; KUEC
 TX Fort Stockton; ch. 5; KVMX-TV
 IA Dubuque; ch. 16; KEII
 WI Manitowoc; ch. 16; WYJE
 PR Bayamon; ch. 36; WOTE
 KY Owensboro; WPMJ, ch. 48

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS
 35 5000 1371 IL LaSalle; WWTW-TV
 39 560 498 LA West Monroe; KMST-TV
 16 2470 2775 UT Provo; KZAR-TV
 20 5000 519 IA Iowa City; KICL-TV

CONSTRUCTION PERMIT MODIFICATIONS GRANTED
 6 52.5 2910 HI Kailua-Kona; KSHQ
 8 31.6 556 MI Iron Mountain; WIIM-TV
 62 8.4 154 NC Asheville; WASV-TV
 17 300 865 MT Missoula; KMSO-TV
 26 2792 1251 CT New London; WLCT
 14 250 150 HI Honolulu; KDSC-TV
 33 45 607 NY Utica; WUTV
 21 4335 1428 AL Mobile; WMPV-TV (must have been reinstated)
 21 4986 1638 VA Lynchburg; WJPR
 39 1657 652 WI Marshfield; WWTI

APPLICATIONS TO CHANGE EXISTING FACILITIES
 18 588 533 OH Zanesville; WHIZ-TV
 33 45 607 NY Utica; WUTV
 12 262 860 WV Clarksburg; WBOY-TV
 43 1112 965 IL Bloomington; WYZZ-TV
 4 100 1960 SC Charleston; WCIV
 5 100 1960 SC Charleston; WCSC-TV
 2 36.3 3632 CA Los Angeles; KCBS-TV
 5 100 1394 TN Nashville; WTVF
 10 6.16 115 CO Montrose; KREY-TV
 30 5000 991 FL Jacksonville; WAWS

FACILITIES CHANGES GRANTED BY THE FCC
 NC Charlotte; WPCQ-TV, ch. 36; granted CP to change ERP from 2510 kw max/1120 kw hor. to 2100 kw max.; 1311' AAT/1364' AG/2010' ASL (39' lower); same TL.
 PA Philadelphia; WGBS-TV (formerly WWSG-TV), ch. 57; granted CP to change ERP from 891 kw max/708 kw hor. to 5000 kw; 1159' AAT/1134' AG/1376' ASL. Change took effect in October when it dropped STV.

LA Lafayette; KADN, ch. 15; granted license to cover CP for change; ERP raised from 282 kw max/166 kw hor. to 1318 kw max/631 kw hor.; 1180' AAT/1209' AG/1249' ASL (or about 980' higher than it had been); coordinates 30°21'44"/92°12'53"; TL 3 miles south of Church Point (Az. 317°, 13.23 miles from former TL).

NC Charlotte; WTVI, ch. 42; granted license to cover CP from changes; ERP raised from

214 kw to 1393 kw max; 460' AAT/496' AG/1154' ASL (about the same height); same TL.
 ND Fargo; KVR, ch. 15; granted CP to raise ERP from 2.31 kw to 22.19 kw max; 196' AAT/182' AG/1092' ASL (about 120' higher than present); TL to 4007 9th Avenue SW, Fargo, ND. Coordinates 46°51'53" N/96°50'57" W (Az. 257°, 2.31 miles from present TL).
 CO Durango; KREZ-TV, ch. 6; granted CP to raise ERP from 3.1 kw to 6.2 kw max; 361' AAT/142' AG/784' ASL (44' lower); same TL.
 IL Bloomington; WYZZ-TV, ch. 43; granted CP to change ERP from 1200 kw max/1070 kw hor to 1112 kw max; 965' AAT/977' AG/1717' ASL (presently 1349' AAT); TL 2.5 miles northeast of Congerville, IL; coordinates 40°38'45"/89°10'45".

NC Wilmington; WWAY, ch. 3; granted license to cover CP for change; ERP raised from 64.57 kw max to 100 kw max; 1953' AAT/1941' AG/2001' ASL (48' lower AG and ASL, but 18' higher AAT). They probably refigured HAAT); same TL.

VA Hampton; WHRO-TV, ch. 15; granted license to cover CP for changes; see 8/85 VUD.
 TN Jackson; WJWT, ch. 16. (signed on 4/85); granted MP to raise ERP from 215 kw max to 588 kw max. Same TL and height.

CA San Francisco; KTZO, ch. 20; granted CP to change ERP from 5000 kw max/1700 kw hor to 3470 kw max.; 1550' AAT/820' AG/1654' ASL (284' higher AAT; 173' higher ASL); TL to Sutro Tower, Clarendon Heights, San Francisco; coordinates 37°45'120"/122°27'05"; (about 4 miles NW of present site).

CALL LETTER APPLICATIONS: NEW STATIONS
 CH C.L. STATE/CITY/APPLICANT
 52 KVEA CA Corona; KBSC-TV
 14 WTMW VA Arlington; Urban Telecommunications Inc.

CALL LETTER APPLICATIONS: CHANGE EXISTING
 41 KKTO OK Tulsa; KGCT-TV

CALL LETTER GRANTS: NEW STATIONS
 12 KNRR ND Pembina; KWBA (Before going on the air)

67 KSMS-TV CA Salinas; KSLZ
 62 WFPT MD Frederick; W62AY
 36 WGPT MD Oakland; W32AB
 10 KSBY-TV MT Helena; John R. Powley
 38 WADL MI Mount Clemens; Adell Broadcasting
 42 KSAX MN Alexandria; Hubbard Broadcast
 62 WLKT KY Lexington; FBC Inc.
 15 KREB-TV NV Las Vegas; People of the Fire
 20 KMCV ID Idaho Falls; Matlock Commun'ns.
 63 WIB IN Bloomington; Channel 63 Inc.
 26 KOZJ MO Joplin; Ozark Public Telecomm's

CALL LETTER GRANTS: STATIONS ON THE AIR
 10 KBRR MN Thief River Falls; KFOM-TV
 52 KVEA CA Corona; KBSC-TV
 39 WHTN TN Murfreesboro; WFYZ
 57 WGBS-TV PA Philadelphia; WWSG-TV

NEW STATIONS ON THE AIR (DATA NEXT MONTH)
 CA Chico; KCPM, ch. 24, went on 9/24/85
 FL Cape Coral; WFTX, ch. 36, went on 10/14/85
 LA Shreveport; KMSS-TV, ch. 33, went on 10/6

TODAY A NEW EXCITING TELEVISION STATION BEGINS!

The 5,000,000 WATT switch
 is on to Philly 57.
 bringing the shows, stars
 and sports you love,
 home to Philadelphia
 and the whole
 Delaware Valley!

FREE TV ON



PHILLY'S OWN SUPER STATION!

FORUM

WWSG-TV is now a thing of the past. From what I could gather, its pay-TV service, PRISM, is now carried by an MDS system. PRISM is a Philadelphia-oriented sports & movie ("SM") service which had been unavailable to the city itself because of lack of cable companies. A full-service broadcast station is a little too much to cover just the city, which is why PRISM probably went to an MDS system. Meanwhile, from the Philadelphia Inquirer from 10/18/1985: "After months of speculation on the part of local TV industry observers and official silence from the station itself, Philadelphia's newest independent outlet, WGBS-TV, Channel 57, has released its programming schedule, and it's a doozy. The station, which begins operation on Sunday at 7:00 a.m. (10/20/1985 -wbf), has a line-up that is sure to delight fans of classic television. There's no doubt Miami-based Grant Broadcasting..., which purchased 57 earlier this year, has spared no expense in putting together its programming fare. Like all independent stations, 57's programming leans heavily towards 'nostalgia' programming. But the station has compiled a roster of old shows which amounts to 'Rerun Heaven' for video buffs." Programs scheduled include some current talk-show and information programs. WGBS also carries the Philadelphia Flyers and college basketball games, apparently as an

incentive for cable companies, now free from the "must-carry" rules, to carry the station. In fact, the President of the Philadelphia Flyers sent letters to all of the subscribers of cable companies not yet planning to carry WGBS, urging them to ask the company to carry the station. Movies are restricted to weekends. Weekdays are entirely syndicated programs.

Marty Barvinchak confirms that WKBS, ch. 47 in Altoona, PA, is on the air. He saw them testing 10/19. On 10/20 they were broadcasting the same programs as WPCB, ch. 40 in Greensburg, PA. In the Pittsburgh area, WQED-13 and KDKA-2 have no plans to go stereo, but WPXI-11 and WTAE-4 hope to have stereo soon. He hopes I can get a list of stereo TV stations. I hope to in the future, but right now the number of stereo TV stations is over a hundred and still climbing rapidly, and the amount of stereo programming is still quite small, so it would be best to wait until the industry levels off a little before a complete list is attempted.

Randy Miltier sent a clipping from the 11/6 San Jose Mercury News. It seems that a local resident is complaining about the use of strobe lights by KCRA-3 and KTXL-40 on their transmitter towers instead of the old red warning lights. He says it makes the area look like Las Vegas.

Another letter from Marty sent a few news articles. The 10/8/85 Pittsburgh Press reported that a LPTV station on ch. 63 plans to go on the air on January 1, 1986. "A McMurray woman has purchased the license for the low-power TV signal allocated to this area by the Federal Communications Commission.... Jan. 1 is the target date for operation of Channel 63 under the call letters WBON-TV." As we all know by now, and as the press obviously has yet to find out, you don't get TV licenses like CB licenses. You get them the way Smith Barney earns money, and I don't mean defrauding banks. You have to show that your facilities are up to standards and functioning correctly, then wait about half a year after you're already on the air. So whatever she purchased, it's not a license. Also, the FCC does not grant broadcast call letters to LPTV stations. So I don't know where those call letters came from. If the local cable TV companies don't carry ch. 63, the station will begin with 24-hour music videos, then later phase in local advertiser-supported programming. If it does get on the cable, it will start immediately with advertiser-supported programming. The station will operate 100 watts TPO and transmit from atop Mount Washington, near Pittsburgh, PA.

From the 10/15/85 Pittsburgh Press: Metropolitan Pittsburgh Public Broadcasting is starting its periodic Begathon by going after the big guys first: the companies. It also mentioned that WQEX-16 has been off the air since last March because its antenna failed. When its new transmitter gets installed, it will "not only have a stronger signal because it is new but will enable Channel 16 to broadcast in color for the first time. The station will return to the

air 'whenever this transmitter arrives and is set up,'" Marty was informed by the station that the transmitter problem is not expected to be resolved before next spring.

John F. Zeis sent a clipping from the West Chester (PA) Daily. The Philadelphia Big Five (basketball) will be covered by WBOT-TV, channel 61. WBOT is a Wilmington station that plans to go on the air in early December. "WBOT president Dan Slapes said the station would be able to reach out in a 50-mile radius from Wilmington." That's quite a trick, when you consider that the transmitter is in Woodstown, NJ. When I last checked the site about two months ago, the proposed TI was still growing corn. I'll check soon to see if any 949' high towers sprouted there recently. John writes, "I saw an article indicating Philadelphia Ch. 35 will begin broadcasting as a secondary PBS service late this fall. Since their antenna coordinates are the same as ch. 57, 35 may be planning to use the transmitter 57 is in the process of replacing." Actually, there is a law somewhere that obligates commercial stations that own towers to allow educational stations to attach their transmitters on the tower for a reasonable fee.

John M. Jefferson wrote, "KCPM-40 Chico signed on 9/24/85, billing itself as the area's only 'superstation' and carrying NBC. So far they seem to have no local news, airing reruns in the local-news time slots. The signal ranges from good to virtually nothing here, about 150 miles away, with lots of garbage in the way. Decidedly better than KHSI-12, which is frequently absent altogether & rarely is usable....Their xmitter is near Red Bluff, on Tuscan (Tustin) Buttes, former site of KALF 95.9 and soon-to-be site of KRBQ 102.7. That site is well situated to cover Redding as well as the Chico area." "KMSG-59 Sanger...They're 100% religious, contrary to a report that they were carrying rock video programs." On a network change, "KFSN-30 is now carrying ABC & KJEO-47 has CBS." He also reports that KRCB-22 Cotati actually began broadcasting 11/84, not 1/85. "KPST-66 Vallejo is currently hoping to be on in 4/86."

W.R. McIntosh wrote that SelectTV (KWHY-22 in Los Angeles) had bought out ON-TV, which had been operating on KBSC-52 in nearby Corona. ON-TV subscribers had to change decoders to receive their service on KWHY. Meanwhile, KBSC was sold by Oak Media Corp. to Estrella Communications, which changed the call letters to KVEA, at which time the station went off the air temporarily. According to several sources, Estrella is a Spanish language outfit. Then a clipping from the 10/24/85 Los Angeles Times read, "KVEA-TV Channel 52 will begin broadcasting in Southern California on Nov. 24...reaching Los Angeles, San Bernardino, Riverside, Orange, Kern and Ventura counties." But another letter from Mc. dated 11/4, reads, "Starting on Sunday, 3 Nov 85, during the day, KVEA 52...came back on the air for daytime and evening hours. No mention of Estrella or any other program - just hours and hours of Gene Scott." "He must plan on being there awhile since he has set up local phone lines as well as his 1-800 phone

line." That guy seems to pop up everywhere. I've seen him on several stations along the east coast in the past few months. He's the only preacher on television that preaches while slouched on a swivel chair, wearing a leather jacket and smoking on a cigar between sentences.

Other articles sent by W.R. McIntosh: Times Mirror, publisher of the Los Angeles Times, has agreed to sell three of its seven television stations to Smith Acquisition Corp. Evidently it has its eyes on television stations in more profitable markets. The Korean-American Free Press Committee, a group of Korean-Americans living in Los Angeles, filed a complaint with the FCC against KSCI-TV, ch. 18 in San Bernardino, CA. The station sells blocks of programming time to 13 different ethnic groups, who arrange their own sponsors and programming. 12 hours of the week is in Korean. The complaint charges the station with receiving most of its Korean programming from Korean Television Enterprises, which they claim is controlled by the South Korean Government. They also charge the station with knowingly concealing the South Korean government's involvement in its programming. The South Korean government and Korean Television deny any government control over KSCI's programming. Korean Television itself denies any government control over its program production. The station claims that there have been no violations of FCC rules.

In another article, Rupert Murdoch is combining his recently acquired 20th Century Fox Film Corp. with the six Metromedia stations it is purchasing. He plans to create a new division which will be called Fox Television Network. It will be late 1986 or early 1987 before any networking begins. The six TV stations he is acquiring cover 22% of the television audience in the country.

Another article confirms that the FCC approved the sale of KTLA-5 in Los Angeles to the Tribune Company, which in turn must sell the Daily News (Van Nuys, CA) within 18 months of the completion of the transfer. At \$510 million, this was the most expensive television station sale yet.

Meanwhile, CBS, trying to defray part of the \$1 billion it lost fighting Ted Turner's takeover attempt, announced that it will sell KMOX-TV in St. Louis, the least profitable of its five television stations.

This next article I saved for last so that I could give it special attention. It's about the current practice of some noncommercial educational television stations of selling air time to commercial advertisers for 30-second commercials. Firstly, let me say that they are doing it, and have been for quite some time now. Educational stations started out by merely acknowledging a contribution of a major corporation for the production of a particular program. Then they started showing the company's logo while announcing the blurb. Then the blurb was expanded to include a short plug for the company, even mentioning some of its products. Then I noticed that WLVT-39 in Allentown, PA, had been giving rather exten-

sive and detailed plugs. Then New Jersey Network started showing 30-second commercials between programs between programs, which were not in any way connected with the program. The only thing was that somewhere in the commercial, a voice added, "proud sponsor of New Jersey Network." Secondly, let me say that I don't object to commercial advertising on educational stations. It merely means fewer of my tax dollars are being wasted on The Uncle Floyd Show. But let us not deceive ourselves by calling them noncommercial stations. Limited-commercial stations, maybe. According to the 9/5/1985 Los Angeles Times, KCET, ch. 28 is doing the same thing. "For the last 10 months, KCET has been peppering its lineup with low-key 'messages' from program underwriters—10-, 15- and 30-second spots that plug the sponsoring company and sometimes one of its products." "...these spots are occasionally popping up unconnected to any particular broadcast. What followed a recent telecast of 'The Wild, Wild World of Animals,' for example, were three promotional spots for upcoming wildlife documentaries, then the voice of an announcer who offered thanks for the support shown to KCET by subscribers and 'the following' company - after which a paid ad for Marineland appeared. The spot showed viewers what they could experience at the aquatic park, but stopped short of asking them to visit." KCET is doing what many public-television stations across the country are doing: trying to bolster revenues by attracting more companies to make donations with the lure of expanded on-air credit for their support." And don't forget, your commercials are tax-exempt. "In the past, corporations providing financial support to a particular program could only be identified on the air by having their name appear in block letters before and after the show. But in March, 1984, the FCC relaxed its rules on underwriter crediting...." "FCC guidelines restrict the nature of advertising that public-television stations can accept. The enhanced underwriting spots cannot interrupt programs and they cannot use hard-sell techniques—no hyperbole about the virtues of a product, no comparisons with other products, no solicitations to use the product."

On the same page was another article. "New York-WNET, the nation's largest public television station, also is selling time between programs to corporations, but is looking for a somewhat different type of message than KCET in Los Angeles. The spots on WNET are meant to endorse nonprofit enterprises - either public TV itself or another organization, such as a museum, zoo or arts facility." "Under WNET's policy...two minutes of air time between programs is (sic) available to corporations at a flat rate of \$1,500 per 30 seconds, and to nonprofit organizations for \$1,000 for 30 seconds." "Air time already has been purchased by Chanel, Rolex watches, and the Museum of Modern Art, among others. The spots are not allowed to endorse a particular product, the station spokeswoman said. The policy allows a corporation to talk to our public, but not to give them a commer-

cial message," she said. "Give them time. While we're redefining the word 'noncommercial,' maybe we should take another look at the word, 'educational.' Just how educational are such programs as The Twilight Zone, Star Trek, The Fugitive, Alfred Hitchcock Presents, and Dark Shadows. And why do we consider everything pumped out of the BBC to be educational? Just what are we saying when we refer to a television station as being a noncommercial educational station? Let's get some input on that from club members!"

Let me get on to **Nate May**. He sent an article from the 10/25/85 Isthmus. "By March 1, for the first time in 30 years, Madison (Wisconsin -wbf) will have a new commercial TV station. But whether it will appeal to local viewers and advertisers remains to be seen." The article mentions that, unlike the superstations WGN and WTBS, this independent station will be financially limited, and therefore will not be able to present as good quality programming. But another factor may soon play a part in helping the station. "The studio and offices will be on the former site of the Big-Sky Drive-In, and the 1,000-foot antenna will be on a university-owned land a mile away. By late 1986, however, WMSN (ch. 47 in Madison -wbf) will join a variety of radio and TV stations and microwave carriers on a grandiose 'candleabra tower,' which, at 1,422 feet, will be southern Wisconsin's highest antenna. Once atop the Candleabra, local TV and radio stations will be able to extend their reach to Rock County. Presently, the FCC and the national ratings companies assign that county to the Rockford Area of Dominant Influence. If enough Rock County homes tune in Madison stations (they already get the powerful WISC-TV, that area may be reassigned to the Madison ADI. Were that to happen, Madison would leap from the 104th-largest market to somewhere in the 90s, enabling local stations to increase ad rates and attract national advertisers that buy time only in the 'top 100' markets." "The more money a station makes, the better programming it can buy." And from an article in the 10/24 Wisconsin State Journal, "A temporary transmission tower is being constructed on the corner of Mineral Point Road and the West Beltline." "The station will have a relatively strong signal, reaching as far south as northern Illinois."

Nate sent me a card asking some questions relating to meteor scatter. Because of an almost total lack of club involvement on the subject, I ceased doing a regular column on meteor scatter. But occasionally I do get some input, but not enough to do a regular column. For want of anything better, I decided to throw it in this column. Nate asks, "What, if anything, does the arrival of Halley's Comet mean to DX propagation? Can we look forward to increased meteor scatter?" Probably not. In fact, I heard of a theory that the meteor showers associated with the comet should be no more dense than usual, and that astronomers hoped to prove that theory during the current visit by the comet. I don't know what their reasoning behind that

theory. "Will it have any impact on the D or F2 layers of the ionosphere?" I have often heard of something called "meteor scatter enhanced E-skip," but I question if there is such a thing. I have never read of it in any of the science magazines or journals, and I don't see how a few pinhead-sized meteors could cause a skip opening. I wonder sometimes if somebody is mistaking an unusually long overdense-distorted burst for a short skip opening. Robert Grant wrote several months ago about a large amount of meteor scatter on the nights of 2/14-19, 1985. He even checked the sky, and noticed several slow-moving meteors radiating from Canis Major. Meteors coming from that direction at that time of year would tend to be slower than average velocity, but there is no shower on record anywhere near that time, not even a small shower. I have been looking in the astronomy magazines for several months since then to see if anybody reported unusually large numbers of meteors at that time, but so far I have seen nothing.

Remember all those NBC affiliates that jumped ship before it sank and went over to ABC a few years ago. Larry Fuss sent this interesting article from the Atlanta Journal and Constitution, dated 10/11/85. "Other former NBC affiliates may be returning to the fold now that the peacock network is leading the battle for network supremacy, but WSB/Channel 2 apparently plans on toughing it out with last-place ABC. A longtime NBC affiliate, Channel 2 dumped that network rather unceremoniously in September 1980 and made the switch to ABC, which had ruled the Nielsens in the late '70s and still was a strong No. 2 at that time. NBC inherited former ABC affiliate WXIA/Channel 11. WSB was one of about 25 stations that jumped networks, primarily to ABC, during the 10 years NBC was mired in the ratings basement. In most cases, NBC ended up replacing its former affiliate with a weaker station." Recently, however, the trend has been the other way, with three of those former NBC affiliates deciding to return to the network, which moved up to second place in the ratings last season and is leading the pack so far this fall. Earlier this year, WSAV-TV in Savannah, which had dropped NBC in 1982, returned to the network. In the last couple of weeks, KOMU-TV in Columbia, Mo. (which dumped NBC in 1982), and KCEN-TV in Waco-Temple, Texas (a deserter last year), both have scrambled back aboard the NBC Bandwagon.

Paul Gaines sent in several television listings of recent stations to come on the air. For example, KMSS-TV, ch. 33, which signed on 10/6/1985 in Shreveport, LA, as that city's first independent station. It seems to be lacking in syndicated programs of any worth. Saturday's listing consisted of six movies during the day. Would you believe not one religious program at all on Sunday? Cartoons in the morning and six movies the rest of the day. Cartoons for two hours each weekday morning, followed by three hours of religious programs. Cartoons and children's shows in the afternoon, then back to a few syndies be-

fore we hit another movie. I hope they do better when they get themselves established. But in an area with nothing but network affiliates, it's still a change. There is no news program of any kind on its schedule. Maybe in the future.

Paul reports that ch. 31 in Ann Arbor, MI (WJHT), is now SPN (or did you mean the Disney Channel, Pay?). W22AE in Bucyrus, Ohio, is now running OR-TV.

Ben Wilkie asks, "Could you please furnish me with any information that you may have on a new translator for WLNE ch. 6 in New Bedford Ma. This operates on ch. 48. I have been receiving this station recently, as well as many other distant UHFs." I haven't done anything on LPTV or translators since the 1984 list. But if anybody else has any information, let me know. Ben also asked about WGOT, ch. 60 in Merrimack, NH. So far, I haven't heard a thing. They still have a CP, but I don't know when they would be coming on the air.

John Combs writes, "Ken Simon tells me that the Miami Herald ran an announcement in their TV section saying that they will not run schedules for Channel 36 in Cape Coral. This was apparently in answer to inquiries from readers, so it's very possible they are on the air." They did, about a week before you sent the letter. By the way, John, that envelope was a mess by the time it arrived. Cancellation marks all over it. It's a wonder the Post Office delivered it.

Richard Steinberger sent a series of articles about the transmitter tower for WVJV-TV, ch. 66 in Marlboro, MA. A few weeks before last Christmas, the station began testing the strobe lights on its 1249-foot tower on Carpenter Road. Neighbors in Hudson, Stow, and as far away as Westboro and Sterling, began complaining about the lights. One area resident said it was lighting up his oak trees. On foggy nights, the entire sky lit up with the strobe's flashes. Hundreds of people complained to the police about the lights. The station finally decided to let the strobe lights stay on only during the day.

On another subject, WGBH-2, the first major Boston station to go fulltime stereo, plans to convert WGBX-44 to stereo later this year.

Paul Mount sent an article about WOR-TV, the New York station that everybody thinks is a New Jersey station. It's from the 11/6/85 Record (Bergen County): "GenCorp, the... parent company of WOR-TV Channel 9 in Secaucus, put New Jersey's only commercial VHF television station on the selling block yesterday." "GenCorp, which faces federal challenges to more than a dozen of its broadcast licenses, also announced a preliminary agreement to sell its KHJ-TV Los Angeles television station to Westinghouse Broadcasting in New York...." "All (Gen Corp licenses -wbf) face FCC challenges except WOR-TV, which was granted a five-year license renewal under



special legislation granting a license to any VHF station which would move to New Jersey." Those of you who have been reading this column know the full story behind that one. I also remember hearing word about Westinghouse studying the purchase of WOR-TV. If they do, they would have to sell KMSS-TV, ch. 33 in Philadelphia, because of overlap of coverage area.



Channel 2 has a new transmitter. Here's how you can catch the signal.

Now you can get terrific reception on Channel 2. If you live in the Anchorage Bowl, simply aim your outside antenna north toward our new full-power transmitter located at Goose Bay. Because we've increased our power from 28,000 watts to 100,000 watts, you'll pick up a sharper, stronger KTUU signal. That means picture.



Alaska's first and only full-power television station.

Rod O'Connor sent some news from Alaska. It looks like some of their stations are growing up. One article he sent reads, "Local television station KTUU-TV (Channel 2) on Monday began sending 'full power' television signals from a new transmitter and tower at Goose Bay, located across Knik Arm from Anchorage. By broadcasting at 100,000 watts instead of the former 28,800 watts at a new location, reception will improve in Wasilla, Palmer, Eagle River and on the Kenai Peninsula." "Reception also will improve in areas of Anchorage where television signals previously were poor due to transmitter location Anchorage westward Hilton Hotel. KAKM (Channel 7), Anchorage's public television station will begin broadcasting from the new location at the end of the week, and KIMO (Channel 13) also will use the Goose Bay transmission tower." But while the signal is stronger in regions outside the city, reception in Anchorage is very disappointing. From the 10/29/85 Anchorage Daily News, "Signals from a new television transmission tower at Goose Bay are so weakened by their 12-mile journey that Anchorage viewers who have gotten along with 'rabbit ears' atop their TVs may now be stuck with snow on their screens as well as in their yards. After extensive tests, engineers for KTUU-TV Channel

2, the first station to start broadcasting from the 808-foot-tall antenna at the new site, decided the reception is as good as it's going to get." "The transmission facilities at Goose Bay across the Knik Arm are owned jointly by Channel 2, KAKM-TV Channel 7, KIMO-TV Channel 13 and the University of Alaska, which is planning a new instructional channel. KAKM started transmitting from the new location on Friday (10/25 -wbf). Engineers for the station are noticing reception anomalies similar to those documented by KTUU." "KTUU paid just over \$1 million to move to the new location, including the station's share of the new transmitter tower." "The result: reception got better for an estimated 30,000 homes outside Anchorage but worse for many of the 70,000 homes in Anchorage." "The station's old antenna, atop the Anchorage Westward Hilton, was just 190 feet above the average Anchorage terrain.... Reception was poor in some parts of Anchorage and nil in others...."

CANADIAN NEWS

APPLICATION WITHDRAWN:

ON Peterborough; CICA for ch. 18, 152.1 kw.

APPLICATIONS DENIED

PQ Montreal; ch. 35; Television de Montreal
PQ Quebec; ch. 2; Four Seasons; Television de Quebec.

APPLICATION GRANTED

PQ Montreal; ch. 35; Four Seasons; French language; 566 kw ERP.

CHANGES GRANTED

BC Vancouver; CKVU-TV; granted change from ch. 21 to ch. 10; from 880 kw ERP to 285 kw ERP.
MB Dauphin; CKYD-TV, ch. 12; reduce ERP from 63 kw to 50 kw; rebuild tower which was destroyed in March, 1983.

MB Brandon; CKYB-TV, ch. 4; reduce ERP from 55 kw to 45.16 kw
MB Brandon; CKY-TV, ch. 5; reduce ERP from 44 kw to 41.7 kw.

ON Owen Sound; CICA-TV-12, ch. 12; raise ERP from 41 kw to 52 kw.

PQ Iles de la Madeleine; CBMYT, ch. 7, to rebroadcast CBMT(6) Montreal instead of ANIK.

PQ New Carlisle; CBNV-TV, ch. 45; change ERP from 5.19 kw to 5.32 kw.

PQ Trois Rivieres; CHEM-TV, ch. 8; raise ERP from 5.12 kw to 123.2 kw.

SA To rebroadcast CBKFT, ch. 13, Regina instead of CBWFT, ch. 3, Winnipeg; CBKFT-3, ch. 22 in Debbin; CBKFT-6, ch. 39, Gravelbourg; CBKFT-11, ch. 31, Leoville; CBKFT-10, ch. 16, Moose Jaw; CBKFT-12, ch. 41, North Battleford; CBKFT-7, ch. 22, Pontrieux; CBKFT-2, ch. 3, Prince Albert; CBKFT-4, ch. 7, St. Brieux; CBKFT-1, ch. 13, Saskaatoon; CBKFT-5, ch. 21, Willow Bunch.

NEXT MONTH: More Canadian news from Walter Patton and Bruce Elving. The above Canadian News was from Walter Patton.



NEW FM STATION, TRANSLATOR GRANTS

AL Florence W252AH 94.3 (WBIG 106.3 Sheffield; but somebody just filed for 106.3 in Florence for a translator to relay another station; watch FCC issue a new 106.3 construction permit with different call numbers for the other station!)

AK Soldotna KLDK 96.5 100000 h.v. 260' CA Chester 98.9 25500 horizontal only; 26' 20' CA Fort Bragg "91.5 g; 370 h.v. 59'; "Grace Thru Faith," [Alameda]

CA Orinda KJAZ-1 92.7 10 (booster of KJAZ/CA Pleasanton and Dublin KSOL-1 107.7 (on-channel booster of KSOL San Mateo), 10 w CASAR Ramon KQR-1 97.3 (KQR 97.3 San Francisco booster), 10 watts CA Victoria K288DJ 105.5 (KFSG 96.3 Los Angeles translator)

CO Carbondale K252C 98.3 (KSPN 97.7 Aspen)

CO Edwards K244CL 96.7 (KZYR 103.1 Avon)

CO Pueblo 97.9 100000 h.v. 375' (town)

DE Dover W292FC 106.3 (WSEA 93.5 George/

FL Homestead 95.7 100000 h.v. 500'

HI Honolulu 99.5 100000 h.v. 390'

IN Lagrange 105.5 30000 h.v. 300' [Lawrence]

KS Pittsburgh K207AC "89.3 (KANU 91.5)

(City MI)

MI Alpena W272AN 102.3 (WMLQ 97.7 Rogers)

MO Joplin K218AS "91.5 (KANU 91.5 Law KS)

MT Helena K219AT "91.7 (KGPR 89.9 Gl. Falls)

NE North Platte K221CJ 92.1 (KOGA-FM 99.7 Ogallala NE) [Las Vegas]

NV Gold Point K244CM 96.7 (KFMF 101.9)

NV Lido and Gold Point K232BM 94.3 (KPAH 92.7 Tonopah NV) [94.1 Henderson NV]

NV Pahrump K292DK 106.3 (KXTZ/

NY Endicott W240AJ 95.9 (WMHR 102.3 Syr.)

NC Stateville W228AR 93.5 (WHPF 95.5 High Point)

[Public Radio

NO Williston "89.9 10500 h.v. 490' Prairie/

OH Chillicothe KJAZ-1 "91.7 (WDR 90.3 Cedarville)

OH Geneva 104.9 30000 h.v. 300' [Tulsa]

OH Portmouth W208AB "89.5 (WCDR 90.3)

OK Marlow 92.1 30000 h.v. 300' [Tulsa]

OKS Silsbee K221CK 92.1 (KFCO-FM 88.5/

OR Florence K269DH 101.7 (KPNW-FM 99.1 Eugene)

[85.1 Prineville OR)

OR Sisters-Madras K285CV 104.9 (KJK 95.1/

PA Carlisle and Camp Hill W269AS "101.7 (WKN 96.9 Camden NJ)

[Porcupine SD)

SD Cherry Creek K216AY "91.1 (KLU 90.1/

TX Corpus K221C 92.1 (KJSD 92.1 Seabrook; a translator, not an on-channel booster,

as its input is from one of the 104.9 KYND translators, not the main channel itself)

TX Lubbock 106.3 3000 h.v. 330'

TX Plainview 103.9 3000 h.v. 330' [1290]

TX San Angelo 98.7 93000 h.v. directional/

WY Douglas K217BB "91.3 (KWBH 91.1 Mori, CO)

WY Laramie K202AS "88.3 (KWBH) (Billings MT)

WY Worland-Powell K214C 98.7 (KZLS 97.1/

BC Sechelt C1GS 107.1 32 watts

MB Cranberry Portage 88.9 40 w. CBC relayer

NB Sackville CHMA 106.9 50w. [10400 h.v. CBC

NS Sheet Harbour (90 km ENE Halifax) 95.3/

PO Sherbrooke "89.7 g; 680 h.v. CBC

106.9 24 watts; CIMO Magog relayer (Whitehorse)

YT Tadou 90.5 1 w. heard repeating CKRV(VAM)/

OFF THE AIR

MI Ontonagon WONT 98.3

WI Ashland W265AG 100.9, but applying for a construction permit modification

On Air and DX Ready! (Selected)

BRUCE F. ELVING, Ph.D., Editor
241 Anderson Road
Esko MN 55733-9413
-We own this home now!
Contributions welcome

DELETIONS

IN Howe WHWE "89.7, not on FCC database, now you won't have to go knocking on their door and wondering about them, Frank Merrill!

KS Ellsworth K244AC 92.7

KS Great Bend K257AB 99.3

MN New York Mills K257BU "99.3 (replaced by K2628F "98.2 Wadsworth)

OK Oklahoma City K296CB 107.1 (see also "Moore OK" under Facilities' Changes)

Call Letters Changed or Assigned
AZ Clifton 95.3 KJJU (KXJJ)

AZ Payson 103.8 KKJJ (grant to KJJU set aside; effects seven KJJU)

AR Mountain Home 107.5 KKTZ (KFKB)

CA Los Angeles 89.5 KKLX (KHFQ); g; now?

CA Rohnert Park 104.9 KRPQ

CA San Diego 94.9 KWLX (KBTZ); "K-Lite," rm

CA Santa Barbara 97.5 KHTY (KKOO); g; "Y-

97-FM" (strict) [really in Brigham City UT]

CO Eagle 98.3 K2526H (K252CB; K252B Bi/

FL Tallahassee WAMF "90.5"

WFSU "91.5 (not cp: "They dropped their rock couple of years ago; big brouhaha at the time")

GA Jesup WAJS 98.3 k

GA Valdosta WZLS 96.7 r

HI Pukalani KMWV 98.3 r

IL Lansing WLNR 106.3 ms (has applied for use of WJPC-FM calls)

IN Elwood WBMP 101.7 k, sold, soon to be back on the air; let us know if they have \$!

IA Cedar Rapids KHAK-FM 98.1 r

LA Golden Meadow KBAU 94.3 all k,

"Bayou" (formerly licensed to Galiano)

MD Bethesda WTAK "Magic 102.3," rk mix for an "easy listening" sound

MI Gaylord WPHN "90.5 G (Moody) network

MI Iron Mountain WIMK 93.1 rp (but

carrying some ball game when I drove thru)

MN St. Louis Park KJJO 104.1 r (20 years of

rock and roll; now on with transmitter in

Somerset WI—the only Twin Cities' area station known to transmit from WJPC list as a MN station because of its city of license, but

know some DXers who would claim this as a change of state for them.

MS Island WIQO 102.3 r DD with Greenville—stereo?

NE Kearney KRNY-FM 98.9 r (oldies); ID

only as "KRNY" on the hour. I then called the Grand Island NE FCC monitoring station to complain. The lady who answered then read from the FCC rules on station identifications, which I think clearly state that the FM must be mentioned. Whether simulcasting or not, but she thought if it was an infraction of the rules it was a "very minor one." She said she would study the matter and decide if a letter to KRNY-FM would be necessary, but would not send me a copy of any such letter, saying that would violate any confidence in a matter relating to their work, Ah, the FCC and its spirit of deregulation!

NC Thomasville WTHP 98.3 s; adds Greensboro dual city ID. [stereo?]

ND Williston KDSR 101.1 r, believed on air/

OR Cave Junction KBGG-FM 102.7 RKO (United Stations Network; stereo?)

PA Emporium WLYK 99.3 rr

PA Shamokin WSPZ 95.1 net (was R)

WA Aberdeen KAYO-FM 99.3 r (rock)

WI Eagle River WRJO 94.3 k, still mono;

simulcasting with WERL (AM)

SCA, 67 kHz Mainly

AL Montgomery WLW-FM 92.3 no SCA heard recently, "and they never answered my letter of inquiry, so I assume it's deleted"

KLZZ

Class FM 106.5/AM 600

8665 Gibbs Drive, Suite 201,
San Diego, CA 92123-1728

CA San Diego KLZZ 106.5 67 kHz paging, starting January 1986

MI Escanaba WYKX 104.7 no SCA

MI Marquette WHWL 95.7 FM

WRUP 103.3 FM (both of the above have the same SCA music, as well as WNMU "90.1, all at 67 kHz—unusual for three stations in the same market to have identical SCA!)

MN North Mankato KDOG 96.7 r (telem.)

NE Central City KZEN 100.3 has 67 kHz

frequency shift data (Commodity News Service); 92 is blank now, but will be used part-time for utility load management;

looking for another use for 92 kHz; IDs on main carrier rotate among 48 cities, as I

mentioned earlier.

NJ Bridgeton VSNJ-FM 98.9 Talking book for the Blind (EIES of NJ?)

NJ Newton WIXL 103.7 no SCA (had FM)

NY Lake Success WAPP 103.5 no SCA

NY Monticello WSLU 98.3 has talking book for the blind, identical to:

NY Newburgh WGNY 4m, "FM-103," 1T

NY New York WEVD 97.9 has 92 kHz

Chinese, having moved from 41 kHz; 87 kHz remains PRN. Watch to see if WEVD's main carrier embraces stereophony!

NY Poughkeepsie WSPK 104.7 1X (telem.)

ON London CKO-FM3 97.5 1 music

ON Ottawa CKO-FM1 105.9 music

ON Toronto CHFI 98.1 1T (emergency AM station feed in mono)

CKO-FM2 99.1 music

Deleted: SD Rapid City K292CB 106.3 (see "Facilities Changes")

ALSO Check Nov. VUD For:
FL Sarasota WVMLO 106.3, nonID (Van Hom, p. 23)

TX Rio Grande City KCTM 103.1 nonID (Dyer, p. 24)

NH Wefobson WLKZ 104.9 format and non-ID (Cooper, p. 31)

[p. 31]

GA Swainsboro WGKS 98.3 nonID (Cooper, p. 31)

ME Rockland WMCN 93.5 format and network (Cooper, p. 31)

SC Summerville WWWZ 93.5, dual city ID/

ME Bangor WBGW 97.1 (Cooper, p. 31)

Several applications for native language networks using northern community stations and CBC repeaters are either pending or have been approved. They generally call for between two and eight hours per week. The CRTC has released its rules governing community stations. There would be two classes. Type A would be the first French or English station in a market. There would be little restriction on programming [or] on the type of commercials. They would be permitted, with CRTC permission, to broadcast the signal of a distant station when they were not programming locally. Type B would be in markets where there was already one or more commercial stations in the same language as the community station. They would be allowed 4-6 minutes/hour of commercials, and it would be expected that about 35% of the air time would be devoted to the spoken word, and could rebroadcast material from other community stations or from news services when not originating local programming. The CRTC said it would not require the same professional standards of the volunteer or paid staff or the quality of programming it expects of regular commercial stations. The Commission indicated that if a station felt that the conversion from a Class A to a Class B status would be particularly onerous if a commercial station entered the market, then the community station should consider upgrading its status to that of a full commercial station and would receive preferential consideration. . . . Student radio stations would have all restrictions on type of commercials removed, but that their number would be fixed when the license was given.

The CBC has overhauled the schedules of the CBC Radio and CBC Stereo [FM] networks. While the Stereo net remains mostly classical, a designation of talk/MOR would cover about 90% of the CBC radio network schedule, both French and English. "There is still a one hour late evening classical music program and a rock program Saturday mornings but tm should definitely cover them. With the hardening of the line between the two networks, the broadcasters in areas with normally only the CBC radio service available now broadcast some programs from the stereo service, presumably in mono. . . . I notice you keep the ownership with some of the listings on your computer printout. I don't keep a record of station transactions so ownership from my data is only valid at time of grant. . . . The CRTC and DOC relented, and CBC radio programming will continue to be duplicated on AM and FM in Halifax NS and Saint John NB for another year. Strong objections to the closing of the AM transmitters came from people with only AM receivers in their kitchens and bedrooms (surely rare by now) and people with only AM radios in their cars (not so rare). . . . I hope you and your family have now settled comfortably into your new home. You really appear at heart to be more suited for northern climates. While the only time Nebraska makes the news is when hundreds are trapped on the I-80 at 40 below during a blizzard, you opined on the oppressive heat." [We're trying to keep warm, burning both oil and wood, but it takes plenty of either to heat this 3,000-square foot house; we finally bought it Nov. 1, having lived on earnest money for four months; the house is four years old and was constructed to also house a nondenominational church built with volunteer labor, and 3/2-car garage is one year old; we bought it for less than the value of the two outstanding mortgages on the property.]

Here is a sketch of the property, from a picture taken from an airplane the day Mike Hogan was visiting. Pictured is the rental car Mike used. My office is in the room over the entryway, while the "great room" is to the left. A sunporch is over a not completed solar-powered swimming pool, which the previous owner did not complete because of running out of money. We have 10 acres where the house sits (in the middle of the field) and another 24.55 acres in an L-shaped pattern across the road, with the Duluth, Winnipeg and Pacific Railway main track cutting through.

CING 107.9 Burlington ON has applied for 102.9 and reduced power. "It has a problem with WUWU 107.7; both of these are at equal strength" in St. Catharines, where Steve Tuura lives. CRTC hearings start Nov. 13; CIAO may win the 104.9 spot because their transmitter, antenna and studios exist (as an ethnic station), as the other applicant proposes rock; it may get 101.1 instead, he muses.

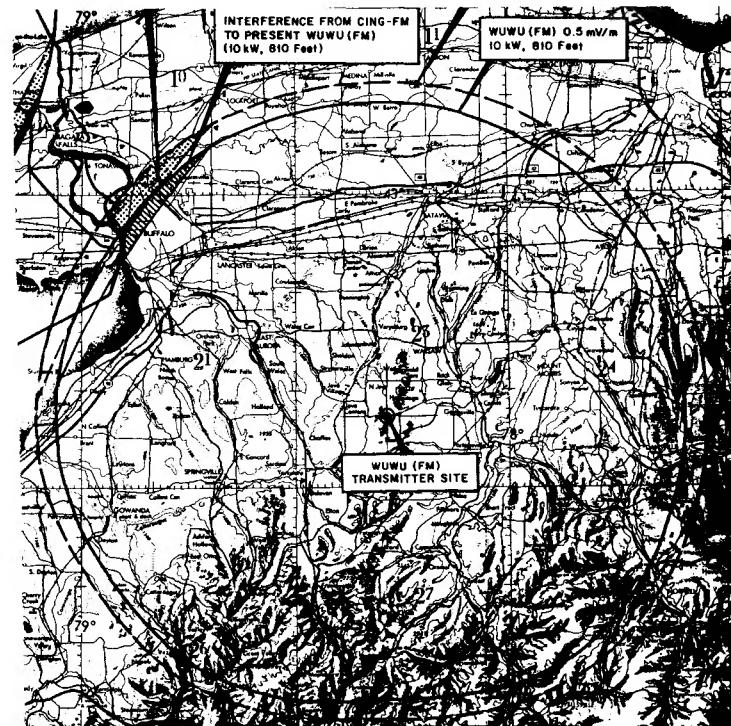
December, 1985

READERS' REPORTS AND OTHER FM-RELATED NEWS

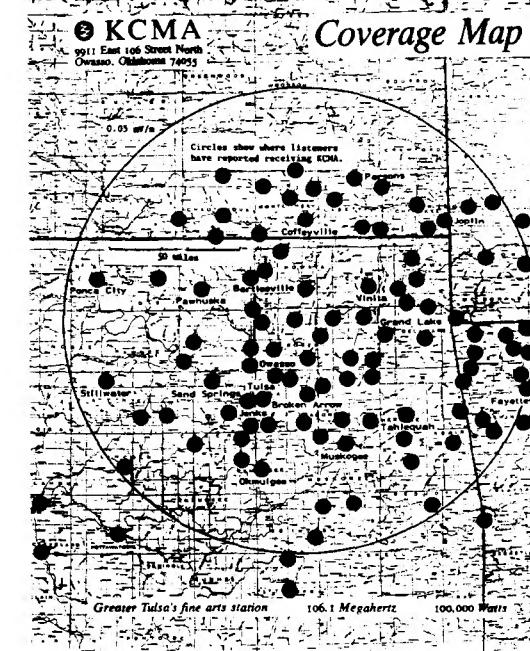
Water Petton supplied much of the Canadian FM news this month, for which I'm thankful. He says the CRTC decisions are now more up to date, but lacking in some of the technical detail they had before. Some specifics he sent: PQ. Havre St. Pierre 95.1 CITE rebroadcaster (no calls given for the 95.1 outlet): replaces 4 hours per week with local community programming.

PO St. Jovite C BMF 98.1 to add programming from CBVE 104.3 Quebec's Community Service. Applying for SCMO: CKFM 99.3 ON Toronto, to carry Greek programming. "Peter Nolan's July query, bottom left p. 26, had already been answered in your Dec. 1984 column, although he did supply the calls: CIPN Pender Harbour BC, 104.3. . . . the CBC is expecting a further \$50 million cut in the level of government spending and is making noises about having to close stations. The Department of Communications has removed limits on the bandwidth of SMC subcarriers and their numbers. . . . The CRTC is willing to allow the CBC to replace low-power AM relays with FM only outside major urban centers and where a significant extension of service to a wider area with a larger population will result. C KEZ 93.9 Windsor ON must have a 45% Canadian orientation in newscasts—a first step in regulating news content?"

[p. 31]



WUWU
107.7
Wethersfield
East Aurora
Buffalo
Rochester,
New York



A Duluth broadcaster, Paul Harkness of KDNW, responds to my suggestion that they turn their stereo generator off when carrying monophonic programs: "I am sure we would gain more coverage if we turned the generator off. However, because our music is interspersed with monaural programs throughout the entire day, it is not practical for us to be turning it on and off and depending upon the announcers to turn the generator on during the music segments."



"I would be happy to have a subscriber utilize one of our subcarriers, however, we have not been approached and it is highly unlikely that Moody would pay us to use the SCA and, frankly, I think that carrying them on our SCA at no charge would be counter-productive as they, too, seek financial support from their listeners and we potentially divide our financial base." "KJJO 104.1 has their new tower in Somerset WI, which is about 42 miles from their Eden Prairie AM-FM studio," writes John Ebeling. With the signal they now put out, they get out very well. Do you know the tower height? [1,000 feet, with an application for 1,300 feet, possibly at a different site—b.e.] I have not heard their supposed translator on 105.5 in St. Louis Park. I suspect they don't need it, but maybe to keep their city of license?"

Florida's Waldo Bishop is back into DX with a new Dynalab FT1101 tuner. It's a "super tuner—reminds me of Kenwood FT 7000—wide and narrow band switching does the job," and he has ordered two log periodic antennas for FM DX.

Paul L. Gaine sent slogans and pictures of bumper stickers from his area, and mentioned a new 500-w AM station in Westland MI with a directional antenna NW, which seems to spray their signal away from their studios and target audience (station in Hamtramck MI), no calls or frequency given, and he sent a "World Tomorrow" radio log which lists such skip targets on FM as RJR 101.3 Christiana, Jamaica, Montego Bay 92.9, and the following RJR-FM stations all in Kingston, Jamaica: 92.7, 94.7, 95.7 and 104.5; and an FM station finally shows up in a New Zealand station list: "KCC-FM" 90.3 Whangarei.

I quoted from Danny Buntin's review of KCMA Owasso OK's translator in downtown Tulsa, which was in a recent VUD. This quote was in a letter to Dr. John Major, owner of KCMA. "VUD, I guess, means VhfUhfDigest, and WFTDA, I suppose, WorldTelevisionFMxAssociation, from reference to page 11 in the ninth edition. Buntin's comments were interesting—it's frustrating to cover such a wide area, as the enclosed coverage map demonstrates, and at the same time get chopped up in downtown Tulsa. The overloading undoubtedly comes from a building at Genesee Community College for WGCC 90.7 Batavia NY; he's glad to see that I will be representing FMers on the Ray Bremi ABC Talkradio Show Dec. 7. 'I'll be listening for you; don't let us FMers down.'

Heard a "Foxy-96" non-ID, with a station promo, news of a concert in Mobile; 24 hours; id jingle, but no calls on half-hour. May be new WFTW-FM 96.5 in Fort Walton Beach," thinks Mike Dorner. On a recent trip to DC, there was no sign of WDCJ 88.1 Lorton VA (which is listed at 30 w horizontal and having an application for 97.9 with a directional antenna), or WMMU 88.1 College Park MD (which is listed as 10 w h, but having an application for *87.9), "but it may have been an antenna problem" on the FM radio built into a Ramada Hotel TV set. "The signals were much better on this than on my portable." He heard a mysterious station on 96.—(96.7? Baltimore?) with an un-id sounding like "Salsa 96". Mike is rejoicing the WFTDA, and I say "welcome back!"

W. R. McIntosh sent a three-part series on the educational FM stations of southern CA, and one article on the financial woes of National Public Radio, vs. American Public Radio. KUSC '91.5, which left NPR, may have started a trend, but little KCSN '88.5 Northridge remains with NPR, as do most of the other area public radio stations. Now that APR is in the picture and with leading stations like KUSC leaving NPR, I do not feel as strongly about listing networks in the "FM Atlas" any more. Before, I thought it would be good to show at least the stations with APR (which are CPB-qualified), but the lines of distinction on that basis are fading. The article on KCRW '89.9 does not mention the station's "strong SCA on 67 kHz

December, 1985

ings, having displaced WPYX 106.5, which moves to second place. Crab Orchard TN will not have an experimental FM station on 95.7 to test subcarriers; the FCC dismissed the application of Sandra J. Lewis.

Rod O'Connor returned from AK, having driven a new truck from Seattle, and he sent much FM news. In Dease Lake YT, he heard a translator repeating a Vancouver station on or around 101 mHz (possibly CTR). No sign of KJNP-FM translators in either Tok or Dot Lake Village. "The first FM I encountered was AFRN-FM 90.5 at Fort Greeley. An excellent signal for only 300 w, although the terrain is very flat. This station puts out a strong signal for 25 miles. There was no sign of KDCZ 93.5 at Delta Juncion. No sign of KUWL 91.5 Fairbanks. . . . KUAC 104.7, Univ. of Alaska, National Public Radio and Alaska Public Radio Networks. Excellent signal, tied with KJNP-FM for signal strength, easily received 100 miles from Fairbanks. Driving from Fairbanks down to Anchorage via the George Parks Highway through Denali National Park, the following notes were made: KUAC-FM translators at Nenana and Healy both on with good signals. No sign of KGOD 90.3 Houston-Wasilla. The only outside Anchorage station received in Matanuska-Susitna Valley was new KNBZ 99.7. I did not hear any repeater of KSKA on 89.5 at Wasilla." The following Anchorage were NOT on the air as of Sept. 23:

KASH 107.5 KBLK 103.1

? 97.5 ? 88.3

In Seward KMDT 103.1 also not on air. Aren't they and KBLK in Anchorage also 103.1, a little too close for each other? [No, they are 65 miles apart, so is okh!] Also, no repeater of KSKA was heard on 88.1 at Seward. . . . Translator K265E I still repeating KGTL-FM not KCTL-AM. Since KPEN 101.7 went 'b', I doubt it will repeat KGTL-AM, also a b station and also owned by David F. Becker. . . . The Moody repeaters give a 'three in one ID' at regular three-hour intervals with their call-sign, mailing address for donations and frequency. All three are run by the same organization. Surprisingly, the announcement tape is narrated by an announcer from KGTL-FM." Rod sent a very good map of AK, which will be used in the next "FM Atlas." Also northern Canada (and the rest of Canada) has been completely remapped, with northern Canada's map supplied by W. R. Hepburn; both the AK and Canada maps are military maps and not copyrighted. Writes Nick Lombardi: "When you get around to updating the Colorado map (Atlas page 65) I hope you will add an extra space between the two columns of Denver stations. Also on the subject of maps, DE-MD is hopelessly crowded and probably deserves its own two-page spread. OR-WA also seems a bit cramped." [A new WV-MD-DE map and a new VA-DC map have been done; and work should begin shortly on new OR and WA maps; AZ-NM have been enlarged with a new map.] Nick asks: "Isn't WMVV McDonough GA (if it ever comes on) supposed to be on '90.7 instead of the 89.7 you list on p. 5, November VUD?" [You're right—89.7 was a mistake—b.e.]

Dave Nieman sent a cassette tape of his DX, and he's seen a

four-bay transmitting antenna sprouting from a tower on top of a building at Genesee Community College for WGCC 90.7 Batavia NY; he's glad to see that I will be representing FMers on the Ray Bremi ABC Talkradio Show Dec. 7. "I'll be listening for you; don't let us FMers down."

Heard a "Foxy-96" non-ID, with a station promo, news of a concert in Mobile; 24 hours; id jingle, but no calls on half-hour. May be new WFTW-FM 96.5 in Fort Walton Beach," thinks Mike Dorner. On a recent trip to DC, there was no sign of WDCJ 88.1 Lorton VA (which is listed at 30 w horizontal and having an application for 97.9 with a directional antenna), or WMMU 88.1 College Park MD (which is listed as 10 w h, but having an application for *87.9), "but it may have been an antenna problem" on the FM radio built into a Ramada Hotel TV set. "The signals were much better on this than on my portable." He heard a mysterious station on 96.—(96.7? Baltimore?) with an un-id sounding like "Salsa 96". Mike is rejoicing the WFTDA, and I say "welcome back!"

W. R. McIntosh sent a three-part series on the educational FM stations of southern CA, and one article on the financial woes of National Public Radio, vs. American Public Radio. KUSC '91.5, which left NPR, may have started a trend, but little KCSN '88.5 Northridge remains with NPR, as do most of the other area public radio stations. Now that APR is in the picture and with leading stations like KUSC leaving NPR, I do not feel as strongly about listing networks in the "FM Atlas" any more. Before, I thought it would be good to show at least the stations with APR (which are CPB-qualified), but the lines of distinction on that basis are fading. The article on KCRW '89.9 does not mention the station's "strong SCA on 67 kHz

of 'foreground music,' while KLOM '88.1 has had recent SCA tests on 57 kHz—data noise." Another article stated KBIG 104.3 had Mormon church programs at times, but Mc has not heard gospel programming "for months" on their SCA. Finally, he sent an article mentioning KJQI 98.7 Los Angeles to be sold to Cleveland broadcaster Carl E. Hirsch for \$44 million. This would be the highest price ever paid for an FM station. "Only 14 months ago, KJQI was purchased by Noble Broadcasting Group for \$18.5 million, which was a record price at the time."

Back on the air, but at very low power, is WOCG *90.1 Huntsville AL. "Barely readable with whip antenna" in New Hope AL on Keith Pugh.

Phil Sullivan sent an article on color slow-scan video being sent out by WOSU-FM at 92 kHz, from Ohio State University at Columbus to Newark OH, 60 miles distant. Slow-scan video images were single field NTSC color, with an eight second transmission time. "Picture quality was considered excellent and there was no degradation in either the main channel signal (classical music) or the 67 kHz subcarrier channel (a reading for the blind service)." The FM radio subcarrier will economically deliver instruction to distant locations while conventional phone circuits will be used for audio interactivity.

While in northern Michigan, I called WGGL Houghton, to find out why the \$ disappears and there is no SCA at times. I learned that when they pick up MPR off the air, via microwave from Duluth, it goes direct to the transmitter in Painesdale MI, and is transmitted in stereo with SCA. But they can also pick up the signal via satellite at their studio in Houghton; however, the cost of broadcast phone lines is so high, they can only afford one quality telephone connection to the transmitter; hence the mono and lack of SCA. The manager told me, between you and me, the transmitter is poorly located for MI coverage—it does a good job of serving Grand Marais MN." I told him of the map (which was in the July VUD, p. 27) MPR put out which shows WGGL as only supplying a small circle of coverage in NE MN (no MI coverage shown, as if they do not care about MI listeners). Even the time announced on WGGL is usually Central Standard, not Eastern, with most "local" announcements for Duluth, not for Houghton-Hancock MI.

Also in MN, KCGN 101.5 Ortonville (with transmitter in SD, for you folk who count your DX according to "location") says about their translators: "They have a signal radius of from 6 to 12 miles. We are getting excellent performance from the translators in Aberdeen and Kerkhoven with plans already under way to improve the performance of the Marshall and Willmar translators. Please pray for Bob Finstrom and others who are working on these improvements."

"Radio Business Report" newsletter claims "Metros often larger than most stations' coverage patterns—new areas added closer to another market than to home central city. Hardest hit: Class A FMs and Class IV AMs, directional AMs—problem—many of these don't subscribe, don't get to vote on definition. Only AM clears and hi-power FMs seem to like it." No examples were given, however.

Pete Nolan: "VUD, you show a station granted in Honolulu HI on 100.3.1 have the same facility on 105.1. [100.3 is it, and I checked the printed FCC datalist.] j.v.GOD 97.9 Charlotte Amalie is indeed religious. This comes from the GM of competing station WVIS-106.1; he's an 'M Street Journal' subscriber. . . . No word yet on what the new KGLF 103.3 Freeport TX will do, or what the new owners will do with KGOL 107.5 Lake Jackson (though it will definitely be programmed to Houston and definitely won't be religious). KHCN 105.7 has their new power/height and their signal is vastly improved KXKX 106.5 Galveston was off the air for several days recently. Seems they had some minor problem with the line voltage coming into the transmitter site (it was about 250 instead of 220), the local utility came out to fix it, and when they turned it back on it was closer to 310 and everything started smoking. The station lost about \$6,000 in equipment, went back on the air with a programmable decoder borrowed from KRBE-FM, and is looking into its legal options vis-a-vis Houston Lighting and Power. Score another victory for incompetence."

"WFHQ 94.7 Indy is under fire again by the group called Decency in Programming. An early morning program with Bob and Tom is considered offensive, indecent, and profane. Dirty jokes and sexual talk will not be tolerated! They are sexist, offensive, and racist, according to listeners. Children are taking radios on school buses and listening to the program every morning. There is talk that it may be reported to the FCC. I haven't listened to the program myself, so can't comment until I do. I understand WFHQ's ratings have improved because of this program. What stations won't do for more popularity and higher ratings!" writes Ralph Strobel. Ralph says WDHS 91.1 Gaston

IN, r mono, on air a few hours in the morning. Continues to sound like a pirate station. "A waste of the airwaves! Claims 18 watts. 106.3 IN Columbia City, NOT on air as yet. I've logged three new ones on 106.3 since this station folded—Sarnia ON, Union City PA and Gibson City IL." And construction has started on the tower for the new Muncie station, WOKZ 104.9. Jim Pizzi heard KWMJ Midland TX 103.3 on 103.7 several times recently. He's written them, but no response yet. WEVE-FM 97.9 Eveleth MN now there, from 100.1, with tower near Giant's Ridge Ski Area, Biwabik MN. TV ads show skiing and the station's call letters and correct frequency given, now 71 kw, and not a potent signal at all in Esko, which is 22 km west of Duluth.

Kermit Reid has some GA news, or run ons: WABE 90.1 Atlanta, plagued with poor uniformity ~ radiation pattern since going 100 kw atop Stone Mountain, is expected to move off the mountain to solve the problem. WRAS '89.3 is scheduled to go to 50 kw by Feb. WJYV *91.5 Cumming GA is moving to 8 kw by now. WJYV 104.1 is hoping to improve their rim-shot signal by moving closer to Atlanta (Newnan GA). "I've heard that WPIQ 101.5 Brunswick GA has been approved for a 1505' tower at Woodbine GA." (They only have an application on file with the FCC for 445 mtrs.) WGGL *91.7 Champaign IL loses transmitter in a fire, but resumed operation Sept. 17 after supporters of the gospel station donated money; loss was set at \$60,000. Canada's extra-legal Indian radio station, CKON 97.3, mentioned in the Toronto "Globe and Mail," Aug. 3. CRCT is quoted about the Cornwall Island ON station: "I don't think we'll have a great deal of difficulty with them [unless] they cause some interference to anybody. But nobody else is doing anything with regard to that particular service. As long as we can license them so that they are legitimate, then that's good."

John Combs sent the ad appearing on the first page of this column about WFAM losing jazz in favor of "queasy-listening" music. Well, later, Jones College ran a large ad, striking a low blow at the jazz fan who took out the original ad. WKTZ's reads: "Beautiful Music Lovers, rejoice. The real WKTZ-FM is back! Maybe you remember, we sold our beautiful Jones College Radio Station years ago while it was the most popular station in Jacksonville. . . . and the new owners donated the original call letters, WKTZ, the most precious possession we ever had, back to Jones College Radio. That happened because we had a nonprofit radio station with a jazz format called WFAM. So on Oct. 1st, we changed WFAM to WKTZ on 90.9 on the FM dial, changed the music back to the original beautiful music format, and presto the real WKTZ-FM is back. That really started something. A lot of people like jazz—the jazz we played on WFAM. And a spirited jazz fan, Robert J. Beckham, liked it so much he ran ads. . . . We listened to a lot of phone calls. Two of every seven wanted jazz. Five of every seven wanted beautiful music—than 70%! And you might want to call 354-8022 and tell Robert J. Beckham that you like jazz but you love beautiful music. that's 354-8022. At any rate, Jones College Radio is back and intends to be better than ever.

John says no jazz in the immediate area now, but WUFT-FM carries some. At a drive-in theatre in Miami is a radio system on 89.1 that plays the movies to parked cars. Shows are often X-rated, and religious broadcaster WRMB *89.3 is concerned that passing listeners might hear a dialog like: "Take my hands" (a spiritual), followed by: "Hey gang, what say we all take a community shower?" And let me sing songs only for my king." WRMB announcer Jim Cress, whose records mix with the blue language at the theater, says he shudders at the thought of it: "It's like going from something heavenly to something that comes from the pits of hell. My concern is that a bona fide listener trying to get our station one night might pick up that garbage instead." The FCC isn't sure if it is legal; "If they're broadcasting over FM, I just don't know. I've never seen that done before, and it concerns me." I guess he's never heard of my real estate radio, which used 104.1, and was widely publicized in Nebraska. John Combs now editorializes concerning some comments in my column, Oct. p. 5, where I print Rich Eddie's comments and end with "or is this a fair comparison?" With all due respect NO, it isn't! The FM ATLAS is a superior publication and there cannot be enough accolades directed . . . for masterminding it. However, keep in mind that the ATLAS has a much wider circulation than the WFTDA's TV Station Guide or Translator Guide. The appeal of the ATLAS extends far beyond the very small group of FM DXers; I can't begin to count the number of libraries in which I've seen it. The ATLAS is only one of several aspects of what must be at least a marginally profitable business for you. By contrast, the TV and Translator Guides are intended for a very small audience, are produced by volunteer labor, and are sold by a nonprofit organization. It would be very difficult to match the frequency, accuracy, and quality of the FM ATLAS under those circumstances. I think the comparison is particularly unfair as regards the Translator Guide, since it is the first real effort to produce such a work. Bill Faherty has done a outstanding job, and who knows how many revised editions may appear in future years? The comparison with the ATLAS is, at best, premature.

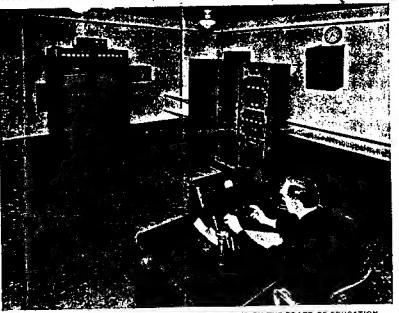
A VUD reader who asks to be anonymous wants to comment about the CBS FMX System, as discussed previously in this column. He has traveled to Stamford CT and visited CBS Labs three months ago to discuss the system: "The day we arrived was also the day Hurricane Gloria pic'd to come ashore. We drove north as fast as we could but still had to spend an extra night owing to all the flight disruptions. Boy, did it rain! We finally ended up in Syracuse NY after a 300-mile drive. Our original flight was from NYC-LaGuardia Airport. I tried to pick up all the different newspapers I could find. Didn't end up with very much but thought you might like the two items I did cut out anyway [station logos].

Re FMX: The CBS FM Extension System (FMX) adds an extra L-R subchannel in quadrature (shifted 90 degrees) to the normal one, which contains the usual difference information except it is compressed dynamically. When properly decoded, the special L-R reduces the usual stereo noise by about 20 dB. This can make the difference between a noisy signal and one that is very acceptable. It is claimed that stereo signals with FMX can be received at all the same distance as mono.

There is a price to be paid, of course. FMX was designed to be compatible with normal stereo receivers, but unless the 19 kHz pilot circuit of the receiver is very accurate, one of two things occurs. Stereo separation is reduced or exaggerated. The severity depends on the error, and the pilot phase accuracy must be about 200 times closer than for decoding a normal stereo signal. Another aspect is who would benefit from the system. Many radio stations process to increase loudness and/or broadcast music recorded with heavy compression. DXers are probably already aware this pertains particularly to rock and pop music. Such programming would gain little from FMX.

On the other hand, stations using little compression are likely to have the most demanding listeners who, although fewer in number, would readily appreciate the noise reduction of FMX. Classical music is probably the best example, but jazz, talk and easy listening formats could also benefit. Any programming with wide dynamic range would be received with less noise. Given these considerations, it is hard to say if CBS will succeed in selling FMX to the broadcasters. We DXers would certainly appreciate it, but we are hardly a majority! It will be interesting to watch this development. Knowing FMX to be of interest to VUD readers, I carefully went over the above to be sure it was correct and polite. You may use it in your column if you wish, but please don't mention my name as a contributor. I want to stay neutral on the matter and see what develops. Next month, I may get to make a trip to the Netherlands to visit Philips. It hasn't been approved yet, but I have already been invited. I may even drive over into Germany. Have hoped for many years to work on a project that would involve foreign travel, and this may be it! Earlier I signed up for an evening conversational German course to get ready. My hope is to find out what automotive reception is like over there. Observing rather than merely reading about the radio station setup and programming will also be very interesting."

One mistake in last month's VUD, p. 9, last ¶, WJHU Balti-



MASTER CONTROL ROOM OF THE FM STATION OPERATED BY THE BOARD OF EDUCATION

FM FOR CLEVELAND SCHOOL SYSTEM

How Cleveland's WBOE, Now Changed to FM, Serves as Educational Auxiliary
from an article Al Germond sent last month. It shows the mas-

December, 1985

ter control room of former station WBOE (FM) Cleveland, which was owned by the public schools there, and is from "FM" magazine, April, 1941. The picture shows an R.E.L. FM exciter in a cabinet between the operator's head and the lamp, and what Al thinks is an old AM transmitter converted to FM use at the far wall, which could be G-E. WBOE started in 1937 using 41.5 mc, and the "license" granted was the official No. 1 for a non-commercial, educational broadcasting station."

In other FM-related news, rumor has it WLLZ 98.7 Detroit may be sold, as told in the "Detroit Free Press." "Even prestigious trade publication Radio and Records noted it in a recent issue. But Gary Stevens, the former Detroit radio personality who runs Doubleday's broadcasting division—which owns WLLZ—said that's not the case. 'We sold our Chicago station, so right away everyone's running around and saying everything we had was up for sale,' Stevens said. 'WLLZ is not up for sale.' Local independent programmer Fred Jacobs wants it known he is NOT the program consultant for WDTX 99.5, which replaced WCLS. Station co-owner Lorraine Golden had named Jacobs as the consultant, but the former WRIF program director said he merely helped the new management with some research. .. And WHYT 96.3 is placing pictures of missing children on the backs of weekly "Hot Hit Surveys," which it distributes.

Custody of WIAN 90.1 Indianapolis is getting to be a messy thing. The School board wanted to give the license to WFYI (channel 20), the local PBS station. According to an article in the Indianapolis News, the WIAN antenna is hanging on the ch. 20 tower north of the city, with transmitter controls in the ch. 20 building. But then the attorneys for the school board found that surplus school property can't merely be sold; it must be auctioned to the highest bidder. Then they thought that the license, not just the equipment, had value, and should be auctioned. Other parties are interested in bidding for WIAN, if the process should get that far. Butler University runs WAJC *104.5. If Butler bought WIAN, WAJC could move to 90.1, and "free to sell" its license for 104.5 to a commercial operator. Depending on who is counting, it could sell from \$3 to \$10 million. Another interested party is Cable Entertainment, Inc., the black-owned company that produces commercial entertainment on ch. 32. That company recently bought WZZT in suburban Columbus OH. Now for the ridiculous part: "CEI is going on the theory that it could persuade the FCC to allow it to convert WIAN's 90.1 frequency from noncommercial to commercial use." Knowing the current FCC, that could happen, but it would be a long-shot. I am sure WFYI would enter the bidding war and see to it that it gets custody of WIAN, but tune in later and see what happens!

This page typeset using an IBM ribbon designed for the ESC Composer, the ribbon in use a full year after it was supposed to be used. Look and see if the type quality is better than that used on the other five pages of this column; the other typeset using an ordinary non-correcting Selectric II black ribbon.

Recently a billboard in Fort Wayne has been proclaiming WJJI, "Magic 95.1," and "Favorites of yesterday and today. Looks like the battle of the 'big' Fort Wayne rockers is over. WMEF 97.3 has won. WFWQ 95.1 has given up, changed call to WJJI, "Magic 95.1." I dialed them in and heard exactly that. It is a mixture of several things including country and western." Somebody posted a note on a bulletin board at work about WIRE (AM) in Indianapolis dropping in favor of pop music. "I thought I'd try to stir something up and so added a note. All C&W music should be moved to AM. AM is practically worthless so it should be used to broadcast worthless music. Would you believe nobody punched me in the nose? In fact, practically everyone in the area agreed. Several even posted at their workplaces copies of a 'Billboard' article I clipped out about 10 years ago in which Stan Kenton said 'C&W was a national disgrace!'

CONTRIBUTORS THIS MONTH: David R. Alpert, News producer ABC, New York (who "loves" my work); Waldo F. Bishop, Tallahassee FL; Jim Carnegie's "Radio Business Report," Arlington VA; John F. Combs, Jacksonville FL; Ferdinand S. Dombrowski, Jr., Milwaukee WI; Michael Dorner, Mandeville LA; John Ebeling, Bloomington MN; Paul E. Gandy, Darien MI; Al Germond, Columbia MO; Jim Gibbons, Compton NJ; Paul Harbless, KDKA (PA) Pittsburgh PA; Jim Lasky, Atlanta GA; John Major, KCMO (EM) Overland Park KS; O.K.W. R. McIntosh, Granada Hills CA; James J. Nahimniak, Warren MI; Michael Neff, WCFM (FM) Schenectady NY; David J. Nieman, Akron NY; Peter A. Nolan, Houston TX; Rod O'Connor, Kodiak AK; Walter Patton, Wilton ON; Jim Pizzi, Lovington NM; Keith Pugh, New Hope AL; Richard Reed, Jersey Shore PA; Kermit Reid, College Park GA; Ralph Strobel, Muncie IN; Phil Sullivan, Acton MA; Eric Sundius, Goleta CA; Dean Tolleson, KCGN (FM) Ortonville MN (state of license!, or is it license?); Steve Tuura, St. Catharines ON; Peter Wells, chief engineer, KLLZ (FM) San Diego CA; Larry Weil, Acton MA (Larry, do you know Phil?); Bud Williamson, Cuddebackville NY, c.e. at WPDH, WSUL, WVKR, etc. and likes the "Atlas"; Roger Winsor, Hobart IN. 73ly, bruce

SECOND ANNUAL ALL-BAND DX SPECIAL!

ABC TALKRADIO / RAY BRIEM SHOW

SATURDAY, DECEMBER 7, 1985

0306 EST--0206 CST--0106 MST--0006 PST

0806 UTC

HERE'S YOUR CHANCE TO JOIN OUR ALL-NIGHT NATIONWIDE DX GABFEST! RAY BRIEM—"THE KING OF ALL-NIGHT RADIO", WILL WELCOME IN-STUDIO GUESTS GRANT MANNING OF RADIO WEST; PAUL SWEARINGEN, "CLUB CORNER" EDITOR FOR MONITORING TIMES & MUSINGS EDITOR FOR THE NRC; AND STEWART MACKENZIE, PRESIDENT OF THE ASWLC. WE'LL ALSO FEATURE TELEPHONE HOOK-UPS WITH DR. BRUCE ELVING, PUBLISHER OF THE FM ATLAS; ARTHUR CUSHEN, WORLD-RENNED DXER FROM INVERCARGILL, NEW ZEALAND; DR. RICHARD WOOD, PRESIDENT OF THE IRCA--AND MUCH MORE!! WE ALSO WANT TO TALK TO YOU--SO JOIN IN AND SHARE YOUR DX-PERIENCES OR QUESTIONS, BY CALLING IN DURING THE SHOW. JUST DIAL: (213) 879-8255

REMEMBER, THIS IS A TOLL-CALL--SO, WHEN YOU DIAL THROUGH, JUST LET THE PHONE KEEP RINGING--WE'LL ANSWER JUST BEFORE YOUR TURN TO GO ON THE AIR, KEEPING THOSE LONG-DISTANCE CHARGES DOWN!

ANY QUESTIONS, SUGGESTIONS OR COMMENTS SHOULD BE SENT TO:

GREG HARDISON
KABC RADIO
3321 S. LaCienega Blvd.
Los Angeles, CA 90016

DX ON THE AIR!!

HERE'S WHERE TO TUNE IN

(#--TAPE DELAYED, OR MAY START AT DIFFERENT TIME--CHECK LOCAL STATION)
(STATION LIST SUBJECT TO CHANGE)

WQBK-1300/NY	WSLI-930/MS	KZJO-630/UT
KZIA-FM-101.7/NM	WOKV-600/FL	KRNN-930/TX
WCNN-680/GA	WNIR(FM)-100.1/OH	KTMS-1250/CA
WIIN-1450/NJ	KLCL-1470/LA	KUHL-1440/CA
KERN-1410/CA	KPEL-1420/LA #	WTNT-1270/FL
WBCM-1440/MI	KABC-790/CA	KNST-940/AZ #
WERC-960/AL	WGIR-610/NH	KELI-1430/OK
WTTP-1060/MA #	WHBQ-560/TN	WSAU-550/WI
KMFO-1540/CA #	WABC-770/NY	WOCB-1240/MA
WKCN-910/SC	WKIS-740/FL	WBBW-1240/OH
KVOR-1300/CO	WKYX-570/KY	KRIG-1410/TX #
WCOL-1230/OH	KPSI-1450/CA	WNTR-1050/MD (0606 ELT)
WDAN-1490/IL	WTKN-970/PA	WAMJ-1580/IN (0606 CLT)
WOC-1420/IA	WMER-1440/ME	WKDR-1070/NY (0606 ELT)
KGU-760/HI #	KOH-630/NV	WPVA-1290/VA (0606 ELT)
KPRC-950/TX	WBBF-950/NY	WLKR-1510/OH (0606 ELT)

EASTERN TV-DX

DECEMBER 1985

Steve West, 432 Kenmore Rd., Havertown PA 19083

(EDT/EST)

May 1983		September 1983		June 1985	
29 Tr 0145	WPDE-15 SC 445	10 Tr 0930	WGCT-48 NC 375	11 Es 1100	WPBT-2 FL 1010
0200	WJCL-22 GA 640	29 Tr 0730	WKFT-40 NC 425	12 Es 1045	MUF 95.3 to AR
0200	WOLO-25 SC 515	0950	WAGT-26 SC 580	14 Es 1400	St. Louis 2-4-5
0200	WTBW-13 SC 445	November 1983		17 Es 1100	WDAF-4 MO 1030
June 1983		2 Tr 0900	WPCQ-36 NC 440	July 1985	
8 Es 1830	MUF 98.5 Tulsa OK	June 1984		8 Es 1100	WPBT-2 FL 1010
10 Tr 0100	WLPL-22 NC 350	?? Es 1730	Colorvision-2	1400	MUF 98.5 to LA
0100	WPCQ-36 NC 440		MUF 90.5 to DR		
14 Tr 0900	WPDE-15 SC 445	September 1984		September 1985	
15 Es 1000	Colorvision-2	16 Tr 0130	WCFL-35 FL 850	29 Tr 2230	WKFT-19 TN 445
Dominican Rep.		0130	WJCL-22 GA 640	30 Tr 0100	WJCL-22 GA 640
July 1983		0200	WTAG-44 FL 930	0115	WTAT-24 SC 545
2 Es 2000	MUF 98.5 to TX	0200	WOLO-25 SC 515	0130	WFAT-19 PA 205
August 1983		18 Tr 0930	WJKA-26 NC 435	0200	unID-17 "African
14 Es 2030	MUF 94.9 to Miami	?? Tr 1000	WNOL-38 LA 1075	0200	Relief Program"
17 Tr 0900	WPDE-15 SC 445	(Date unknown--a Sun-		0200	WPCQ-36 NC 440
21 Tr 0900	WAER-23 OH 340	day in late Sept. or		*****	*****
2300	WSEE-35 PA 285	early October)	EQUIPMENT:	Finco 7' dish @40'	
22 Tr 0620	WHMO-23 SC 465	May 1985	AGL (380' ASSL), Winegard AC-		
September 1983		23 Es 1230	9490 amp, Heathkit AR-15 FM		
2 Tr 2330	WJTM-45 NC 370	June 1985	rvr. (What are VHF-TV rcvr		
(Now WNRW--jfc)		7 Es 1200	and antenna, Steve?--jfc)		
3 Tr 0120	WXII-12 NC 370		(ex-KQTW--jfc)		

"It has been awhile since my last report, so I will re-introduce myself. I'm 27, and have been DXing TV & FM for the last half of those years. I live in the Philadelphia area and work with audio-visual equipment at a local college. I also DJ at a major Philly hotel lounge.

The skip this year just about skipped showing up at all, but was a little better than last year!

Tropo last fall was incredible with St. Petersburg and New Orleans both positively IDed. This year a similar opening to Savannah helped save the DX season. There was very little 250+ mile tropo this year.

I visited Kitty Hawk NC last Labor Day weekend. The DX received there in a few days is equal to a whole season's DX at most locations! I saw WHKY-14 snow-free very often, even UHF from Jacksonville & St. Petersburg FL, Dothan AL, Atlanta and Boston. Jim Alexander has seen WNNE-31 Hanover NH and Syracuse NY's from Duck NC (Duck?--jfc) several times, and he has pictures to help believe it! I also have seen Puerto Rico on TV skip from the Outer Banks.

I am interested in swapping FM air-checks, especially from Chicago, San Francisco, and Bermuda. '73, Steve"

Welcome back to the column, Steve! Steve expressed concern about his dated loggings, especially from back in 1983, but there's some fine DX there and the report isn't long, so I ran the whole thing. I computed distances for all Steve's loggings. Jim Alexander has sung many sweet rhapsodies about the legendary DX conditions at the Outer Banks. Someday I've got to take a trip there! I believe the Outer Banks is the best place to catch VHF-TV tropo from Bermuda--a feat not yet accomplished, to my knowledge!--jfc)

Harry J. Hayes, 9 Henry St., Wilkes-Barre PA 18702		(EDT)	
September 1985		September 1985	
26 Tr 0845	WVJV-66 MA 230	26 Tr 0915	WSM-27 MA T
0900	WQTV-68 MA 230	0930	WTIT-30 CT 175
0900	WLVI-56 MA 230	October 1985	
0905	WXNE-25 MA 230	20 Es 1950	unID-2 NBC
0910	WTBW-53	23 Tr 0640	WVJV-66 MA 230

"Welcome to you, John, as the new editor. I hope you will enjoy the work. (So far, so good--jfc) After a dull summer the above two tropo openings were quite welcome. Signals were quite intense on 9/26 during pre-Hurricane Gloria cx, a little moreso than signals on 10/23. Thanks to Glenn Jacobs for alerting me to the 10/23 opening; he reported that the signals were overloading his set on that date."

(Harry's comments continue on the next page-----)

John F. Combs
2831 Selma
Jacksonville FL 32205
(904) 387-2367

EASTERN TV-DX

Hayes, continued--

December 1985

"WGGB-40 was the strongest signal here but it took me a while to discover it since I thought it was just WICZ. Equipment is a 6' dish w/Winegard PA4975 amp in my attic. Reception to Southern New England was made aiming the dish through my own roof plus the roofs of about 15 houses up the street. If you travel straight up Henry Street (that is, provided you haven't had one too many, hi) you are headed straight for Hartford and Boston--least my antenna says so. (Talk about a duct!--jfc) More when it comes in.

Dave Nieman, Akron NY 14001 (EDT)

September 1985 October 1985 October 1985

22 Tr 2000 WUPW-36 OH 270 4 Tr 0042 WLKY-32 IN 490 18 Tr 0037 W30AA NY 105
Toledo (new to air) 0047 WGRB-34 KY 525 Elmira (WSKG-46)

October 1985 4 Tr 0004 WZTV-17 TN 645 0102 WCAV-30 TN 645
0123 WDRB-41 IN 490

"October 4 duct was much farther than 645 miles. I saw several other stations I never IDed. I talked to Bob Seybold the next morning. He said the Ch. 39 w/Rock videos was Murfreesboro TN, the Ch. 16 w/INN nx was Jackson TN, and the Ch. 21 w/late movie was Birmingham AL. I never believed I would see tropo that far...that's over 800 miles! Equipment is the same as last month with one exception. I got rid of the stacked Winegard VHF antennas. Next year I'll be taking the CM 3617B out of the family system and using it for DXing. The family will get a Quantum 1113 w/a 0096C cartridge amp. The wife should be able to catch all the soaps with that." (And then some--jfc)

Bill Townshend, 4500 Connecticut Ave. NW #901, Washington DC 20008 (202) 966-8046 (EDT)

September 1985 October 1985 October 1985

10 Tr 0746 WTAZ-29 PA 27 Tr 2248 WHRO-15 VA 27 Tr 2249 WTVZ-33 VA 27 Tr 2251 WSJV-65 NJ
0746 WPHL-17 PA 2248 WYAH-27 VA 2250 WMGM-40 NJ (Ex-WRBV--jfc)

"Some unusually strong signals on tropo 10/27, but faded badly the next morning, so my 12-778 stayed home instead of going to the office. Tr noted even on FM with a couple of Eastern shore stations coming in well. Best tropo in two months. LXXIII."

John F. Combs, 2831 Selma, Jacksonville FL 32205 (904) 387-2367 (EDT)

September 1985 September 1985 October 1985

3 Tr 0000 WAGT-26 SC 215 10 Tr 2345 WPDE-15 SC 313 15 Tr 2035 WJKA-26 NC 335
0000 WEA-14 SC 200 2345 WJKA-26 NC 335 2035 WTAT-24 SC 216
1920 WOLO-25 SC 263 2345 WUNJ-39 NC 335 2035 WHMC-23 SC 294

4 Tr 0425 WLXZ-19 SC 262 2345 WTAT-24 SC 216 2035 WUNN-19 NC 418
0600 WOLO-25 SC 263 11 Tr 0545 WTVX-34 FL 234 2043 WTVX-34 FL 234
6 Tr 0020 SC 14,19,25,26,35 23 Tr 2110 SC 14,19,24,25,26,35 2043 WUNJ-39 NC 335
7 Tr 0000 SC 14,19,25,26,35 2200 WIS-10 SC 270 2048 WPDE-15 SC 313
0853 WHMC-23 SC 294 24 Tr 0830 WEVU-26 FL 277 16 Tr 0540 SC 14,23,24
0853 WTAT-24 SC 216 28 Tr 0525 WLTY-38 GA 240 20 Tr 0020 SC 19,26
2220 SC 19,27,35 29 Tr 2200 SC 14,16 0925 SC 14,19,25,35,38
8 Tr 0530 SC 19 & 25 October 1985 0928 WPMI-15 AL 355
9 Tr 0930 SC 19 & 25 3 Tr 0800 SC 19,25,27,35 0928 WSRE-23 FL 330
10 Tr 0015 SC 19 & 25 2225 Strong to SC, but 0929 WJTC-44 FL 349
0042 WTVX-34 FL 234 no time... 0929 WPAN-53 FL 316
2345 WJPM-33 SC 297 7 Tr 0600 SC 14,19,25,26,27,35 (1st decent Tr to west
2345 WHMC-23 SC 294 15 Tr 0900 Same + 15,23,24 in 6 months...)

No really outstanding DX to report. One good opening to SC/NC in Sept. and Oct., plus the tail-end of an opening to Pensacola/Mobile area. VHF antenna still down, with the dish to follow. You see, we're getting a new roof soon, so the whole mess must come down. However, I have obtained one of the last South River 15' tripods and will use it to remount the antennas. Will put the dish at 36' and the VHF at 30' AG.

FLORIDA TV PIRATE LOGGED: According to a report in the A*CE, the monthly bulletin of the Association of Clandestine Enthusiasts, member John Santosuoso viewed a pirate TV station on Ch. 4. The reception took place on 9-8-85 from 2329-0013 GMT (1929-2013 EDT). The station called itself WRAT-TV or "King Rat TV" and announced a location of "way down south in Dixie." Programming consisted of a taped documentary on the history of rock and roll, as well as excerpts from a James Bond movie. No visual IDs were used, only audio. Mr. Santosuoso is located, I believe, in South Central FL, and we can only speculate as to the station's actual location.

POSTSCRIPTS: I am typing this column on the 1st of November, after checking the mail. I will be working a lot in the coming week, so if your report arrives after the 1st...I'm sorry. Remember that I will sometimes be able to work in late reports, but if yours arrives after the 1st, there's no guarantee.

A note on format: would it be less confusing if I put parentheses around a state when xmtr QTH differs from license? I.e., WLKY-32 (IN) 490. Send comments.....73, JOHN.

QSL
CORNER *

THOMAS J. YINGLING, JR.
221 PINEWOOD ROAD
BALTIMORE, MD 21222-2345

TV QSL's part 2

TV QSL's

NY WTBV 54 Fishkill, Box 534, zip 12524. A well written, detailed letter in 1 weeks "possibly most distant reception report" says "Dale K. Osborn, CE. Vogt

PA WGCB 49 Red Lion, Box 88, zip 17356. A detailed letter in 1 week "it's always exciting to hear from distant viewers", says Donald R. Horst, CE Vogt

NC WRDG 16 Burlington, % KRG, Inc., Box 16, zip 27216. Detailed, letter in 3 weeks from Fred Wuenschel, GM/CE Vogt

MD WBZAY 62 Frederick, % MD Center for Public Broadcasting, Owings Mills, MD zip 21117. Very nice pkg., pgm sked, post card & coverage-map for all 6 MPT stations from Bruce T. Herget, Dir. of Eng. Vogt

WBFF 45 Baltimore, 3500 Parkdale Ave, zip 21211. Letter from Julian S. Smith, Pres. in 10 days. Michalek

NY WXXA 23 Albany, P.O. Box 6423, zip 12206. Letter from Sargent R. Cathrall, CE. back in 5 days with coverage-map & schedule. Michalek

WLIG 55 Riverhead, 175 Crossways Park West, Woodbury, zip 11797. Letter from Michael Hurley, Exec. V.P. reply back in 10 days. Michalek

PA WNEP 16 Scranton, Wilkes-Barre/Scranton Airport, zip 18641. Letter from Bernie Hyzinski, CE in 20 days. Michalek

WPHL 17 Philadelphia, 5001 Wynnefield Ave., zip 19131. A QSL-Card with no signer in 2 weeks. Michalek

WBRE 28 Wilkes-Barre, 62 S. Franklin St., zip 18703. QSL-Card with no signer in 2 weeks. Michalek

WFMT 43 York, 2005 S. Queen St., zip 17403. Letter from Jack M. Schuster, Dir. of Eng. in 18 days. Michalek

LA WDSU 6 New Orleans, 520 Royal St., zip 70130. Letter from Earle Connors, CE also send bumper sticker & "Sky 6" lapel pin. Frye

NY WNPE 16 Watertown, P.O. Box 114, zip 13601. Send brief note from James Edwards, CE. also send WNPE-16/WNFI-18 coverage-map & vertical drawing of the towers. Frye

DE WHYY 12 Wilmington, % 150 N. 6th St., Philadelphia, PA 19106. Letter from John Doran, CE describing the transmission facilities. Frye

PA WTAF 29 Philadelphia, 4th & Market Sts., zip 19106. Letter from Chuck Brickman, Operations Supervisor. Send official WTAF card confirming my reception. Frye

TN WMC 5 Memphis (no address reported). Send WMC-TV QSL Card, signed by George Alsobrook, CE Frye

NH WHNT 21 Concord, P.O. Box 2100, 21 Media Park, zip 03301. Send letter, id logo slide, 2 note pads, playing cards, & a coffee cup from Thomas M. Disinger, Operations Manager. "We've had previous reports from New York City, but never from far away as Baltimore. Needless to say, we were quite surprised". My best reply ever on a tv qsl. Yingling

MA WCVX 58 Vineyard Haven % 720 Main St. zip 02601. Letter from Josh Violette, Operations Manager who says "You must have extraordinary equipment". reply in 2 weeks. Yingling

WVJV 66 Framingham, 111 Speen St., zip 01701. Letter, bumper-stickers, & CERTIFICATE OF THE EXALTED ORDER OF THE "V" for my outstanding help & moral support to the engineering staff for my reception report!, certificate number 98 ! from Charles S. Fitch, P.E., Dir. of Eng. reply in 2 weeks. Yingling

KS KSNW 3 Wichita, Box 333, zip 67201. QSL Card from Dir. of Eng. which the name is unreadable. Also note from "Dee F.", Eng. Secretary explaining the reason for the call change. Also send coverage-map for KSN Network, & a sun visor hat in 2 weeks. Yingling



June 12, 1985

Mr. Roy Barstow
P.O. Box 4887
Teaticket, MA 02536

Dear Roy, Roy Nice Catch!

Thank you for your interest in WVTV. I am happy to confirm that your information is correct and yes you did receive Channel 34.

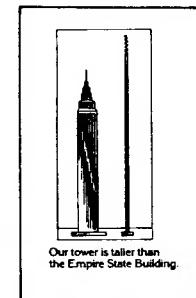
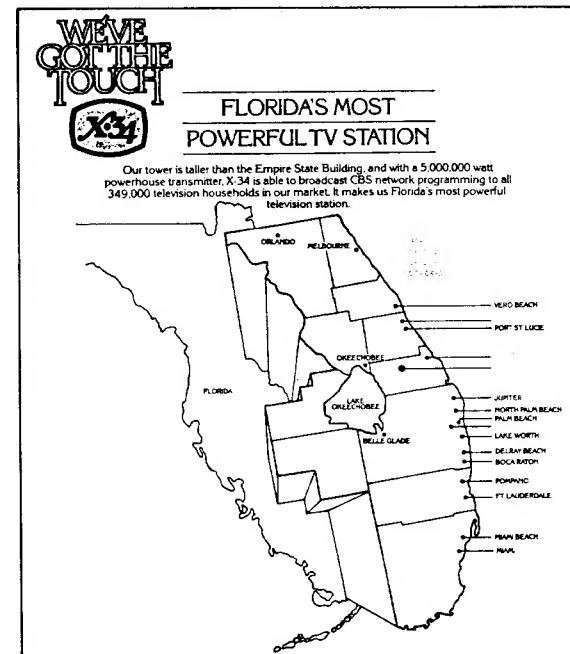
I am enclosing a map of our ADI so you can see how large an area we cover.

Please tune in again.

Sincerely,
Wayne Cunningham
Promotions Director

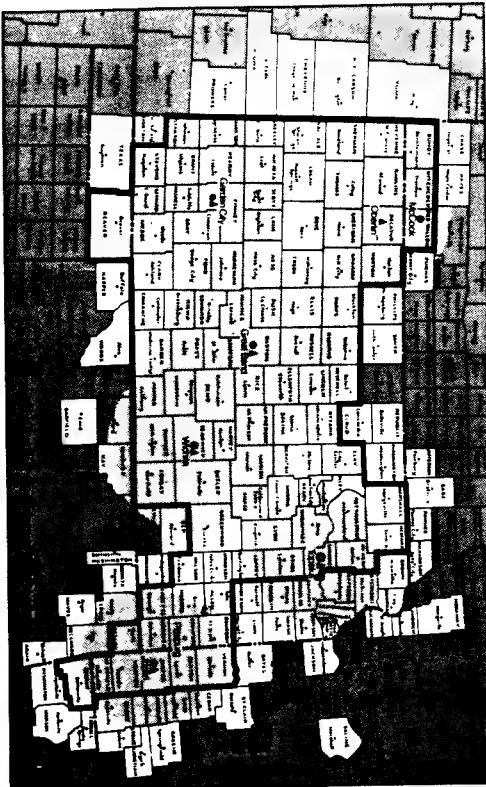
WVTV 34 A CBS TELEVISION AFFILIATE

W. Palm Beach (305) 680-3434 • Stuart (305) 286-3334 • Ft. Pierce (305) 464-3434 • Vero Beach (305) 231-3434
SOUTH 2000 Palm Beach Lakes Blvd. Suite 734, W. Palm Beach, FL 33409
CENTRAL 10 Central Park Way, Stuart, FL 33495
NORTH P.O. Box 3434, Ft. Pierce, FL 33454



TV QSL's part 3

Reporters this time are Larry Vough, of Springfield, Va; Ed Frye of Poughkeepsie, NY; Alan L. Michalek of Springfield, MA, Roy Barstow of Teaticket, MA; & the editor - me! This month we got another tv qsl letter copy from Roy Barstow of WTVX-TV 34 in Ft. Pierce, FL. Address is P. O. Box 3434, Ft. Pierce, FL 3454 to Mr. Wayne Cunningham, Promotions Director. Not a bad catch at over 850 miles! 73's to later.



Coverage Area

KSN
SuperNetwork

KSN TV-2
Great Bend
Topeka

KSN TV-16
Joplin / Pittsburg
Garden City
KSN TV-8
McCook / Oberlin
Wichita

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

Deadline: 1-10-86

December 1985

Well, it is the last column of the year. I am sorry to see the DX gone, but it is kind of a relief to have only a two page column to type!

Best Wishes for a Merry Christmas and a Happy New Year!

New New Mode Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ - Unid Color Bars - % IHTP - \$ Misc. Test Patterns - &

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (WA5IYX)

CST

Equipment: 1980 model Penncrest 9" black and white, Archer V-100 and eight bay bow tie UHF array at 20 feet with rotor.

September 1985	8 ms	(See comment #1)	20 Es 1221 WBTvT 3 NC
20 ms 2217:10 WMAB 2 MS 615	9 ms	(See comment #1)	WFMY 2 NC 1175
	13 Es 1610 WESHT 2 FL		1230 spotty
	1620 WPBTT 2 FL		1307 fade/outs
October 1985	1659 WEDU 3 FL 985		21 Es 1010-1017 unid 2 sppty
3 ms 1329 KUSD 2 SD 920	(MUF 89.7-1700)		1040-1045 unid 2
4 tr 0355 KATC 3 LA 395	1710 WTVJt 4 FL		1053-1112 unids 2,3
0359 WAFB 9 LA 450	1725 fade/outs		22 Es 1127-1139 WFMYT 2 NC
KFDM 6 TX 275	14 Es 1520-1540 unid 2 Mex s		1616-1620 unid ch 2
0408 KJAC 4 TX 280	1603 YSR 2 ES 1200		1630-1706 unids ch 2
0409 KVHP 29 LA 325	1640 unids 2,3 Spanish		1659 WESH 2 FL 1055
0414 KADN 15 LA 395	1807 still YSR		1700 WPBT 2 FL 1150
0428 KPLC 7 LA 325	1830 spotty		1802-1805 WPBT 2 FL
0447 KLAXT 31 LA	1850 fade/out		23 Es 1225-1250 WESH 2 FL
0459 WPMIT 15 AL	16 Es 0940-1020 unids 2-4		1629 YSR t 2 ES
5 Es 1945-2000 unids 2,3 ne	(Mexico west)		YSU t 4 ES
1951 WDTNT 2 OH 1075	1020 XHGWT 2 GR		1635 fade/outs
2000-2050 unids ch 2 n	1130 fade/outs		26 Es 1707-1853 unids 2,3 Sp
7 tr 0329 KATC 3 LA 395	1758 KLTtL 18 LA		27 Es 1624-1635 unids 2,4
2315 WJTVt 12 MS	KVHPt 29 LA		(Mex southwest)
8 tr 0823 KMID 2 TX 275			

Comment # 1: (October 8, 9) - Meteor rates up these mornings, but certainly no storm.

Well, no meteor storm here. The rates were enhanced, but I think the Orionids later in the month was better.

Some good tropo, but the October 7th TV wasn't indicative of the Miami and Key West ducting on the FM!

A fair amount of E skip in the month, with the usual large share of it into Latin America this time of year.

Channel 35, Kerrville, due to come on in just a few days. The studios are about 2 miles west of me, but luckily their transmitter is a lot more distant (though I'm not sure exactly where). The other local UHF, channel 41, is about 6 miles east southeast of here. This will be the first new local on since channel 9 in September 1962!

73, Pat, WA5IYX

William Eckberg, RR#4, Dixon, IL 61201

CDT/CST

Equipment: 1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-1953 detented tuner. Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with Winegard PA#975 preamplifier on a 40' tower.

October 1985	October was a poor tropo month. Many rarely observed
20 Es 1930 WESH 2 FL 983	stations to the north were seen on October 28th through the
28 tr 0455 W39AA 39 IN 224	30th in the 250-350 mile range snow free. Namely, WLEF-36,
(Fort Wayne WFYI-20)	KXLI-41, WHWC-28, WQOW-18, etc., due to the circulation
0550 K30AL 30 KS 408	around hurricane Juan. I do not consider them DX. Little
(Iola KTWU-11)	DX to the south. I suspect DX'ers to the north had better
2210 WKSO 29 KY 405	luck on the above dates.
31 tr 0200 unid channel 64	Noted four new ID's. Namely, WGBA-26 in Wisconsin,
(See comments)	KDEB-27 in Missouri, and WYZZ-43 in Illinois. None are DX

William Eckberg (continued)

here. The first two could have had the calls for awhile. WYZZ-43 was transmitting on reduced power in late October while doing tower repairs. Also, WCFN-49 instead of W49AA, Illinois. W39AA, Indiana, a translator of WFYI-20, not WBGU-57. Have photo of the above. Must have switched since Translator Guide was published.

Possibly saw the end of the E skip opening on October 20th. Surprised to see K30AL, Iola, Kansas on October 28 again so soon. They get out for a 1 kW translator, especially when noted no other DX to the southwest. Powerful KDNL-30 only 30° to the south and much closer.

Reference October 31 at 0200 - saw scrambled station on channel 64 slightly west of due north. Is W64AU in Adams, Wisconsin on? Are they scrambled?

***** (Bill, you noted WCFN-49 as a new call for W49AA. I assume you mean that it has displaced WCIA's translator in Springfield, or is it a satellite of WCIA? The primary switch of W39AA has been reported in the VUD. I believe they wanted an Indiana signal. With regard to your unid channel 64, it sounds like W64AU which has been reported by others to have scrambled programming. fm)*****

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220 CDT/CST

Equipment: Quantum 1110, Spartan II VHF preamp (0061) from Chmstr; C.M. 7' dish with 4990 preamp at 61°, 70°/30° runs of .412/RG-11 cable, H-D 73 rotor. Winegard DA-405 post amplifier (when locals off the air), 3 Channel Master 7206 "Hi Q" traps (UHF). Tower, QDMX MD-56 (free standing).

October 1985	19 tr 0037-0107 KMEG snw fre	29 tr 0425 WUAB 43 OH 400
19 tr 0030-0107 S MN xltrs &	29 tr 0029 WSFJ 51 OH 420	0444 WCLQ 61 OH 400
LPTV: St. James, all	0034 WTTE 28 OH 405	0525 W63AH 63 OH 335
but ch 44, New Ulm 22,	0100 WBNS 10 OH 405	(Maplewood WPTD-10)
Worthington 20, Fair-	0209 KELO 11 SD 400	0530 WOSU 34 OH 405
mont 28, Winona 74,	0416 WVIZ 25 OH 400	0630 WUPW 36 OH 310
LaCrosse 83.	0423 WOIO 19 OH 400	0656 CKC03 42 ON 485

Finally a DX report that doesn't take forever to type up! Funny how a little end of the month tropo boosts the spirits.

Some station news: WUPW-36 in Toledo is on with independent programming. They seem weaker than WWHO-24, but stronger than WGTE-30. They were showing "She-Rah" (The mistress of the universe?). WPWR-60 in Chicago seems to be leasing extra time from WBBS-60 in the evening hours. I think the Spanish speaking WBBS-60 still has some programming on weekends from 7 PM to 1 AM. KTMA-23 in Minneapolis is calling themselves "K-TWIN" and has switched to an all video music format complete with VJ's and a lot of local promotion of local talent. Lots of luck, fellas!

In the "Blood on the TV Antenna" department - some tips on screening parabolic antennas. I've found that cutting the hardware cloth into 5 inch strips and attaching them to each of the rear reflectors individually with nylon cable ties works very well. Allow the strips to extend beyond the edges of the dish and to overlap as they will. It is easiest to do the top half and bottom half separately, then put the dish together. The cable ties can be put on loosely, then pulled tight when you are sure everything is properly aligned. If you use large swaths of hardware cloth, it has a tendency to distort the curvature of the dish. Using the cable ties insures that the screen will stay on over time, wire rusts, especially after being twisted (and too, twisting all those wires is hard on the fingers and is extremely tedious!). To save on blood loss, be sure to wear gloves and use the largest pair of metal shears you can find. Oh yeah, don't forget to have your tetanus shots up to date. Hi!

That's about it for now. 73, Nate

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103 CDT

Equipment: VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Teknika 6510 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc pre-amp; Alliance rotor.

There has not been much DX during October. On the 13th at 2323, I saw K21AK at Morris testing with SPN programming. They were still in on the 14th with MTV being scrambled. They haven't been seen since. Indications are that they plan to broadcast SelectTV on a scrambled basis 24 hours a day. K21AK is 100 miles from my QTH.

The only DX noted was on the 20th when KHIN-36 (390 miles) and KSIN-27 (300 miles) were seen at 2100 with Iowa Public Broadcasting Network ID's and PBS programming.

W T F D A

1985 New Orleans, LA.

CONVENTION REPORT

The convention is over, but the memories still remain. Ron Le Blanc put on a good show for those members that did make it to New Orleans. On Friday we first went over to WRNO-FM & Shortwave studios for a tour. We got a good showing of the place. I even got to look at the dx report letters that came in for the day, which was about 23 letters. Then we drove to WNOL-TV ch. 38 studios in downtown New Orleans. The station is on 24 hours a day, with no local or network news programs. The station is almost all automated. Then we went for lunch in the French Quarter at the Jackson Brewery which was changed into an 4 floor indoor shopping center. After lunch we drove over to tour the antenna farm of WDSU-TV ch.6, WVUE-TV ch.8, WYES-TV ch.12, WGNO-TV ch. 26, WNOL-TV ch.38, WTIW-AM 690khz, WNOE-FM & WRNO-FM. Ron then gave us a tour of his business, "Le Blanc's Alarm Systems Inc." central monitoring station. We then had barbecue supper at Ron's house. After supper we headed on over to WRNO Shortwave transmitter site about 2 miles from Ron's house!

On Saturday the main event began with the lectures. Joe Gragg did his best to explain progradations and on other dx subjects. Terry Colgan then told of the other dx clubs in North America as being connected with ANARC, Robert Grant gave a talk on FM radio transmission & spec. Then Pat Dyer did a discussion on E-skip that he did research into. By time Pat was done it was time for a Louisiana Style Cookout. Ron's wife & brother did a real good job on cooking up some ribs, hamburgers, & gumbo. The rest of the evening was for group photos, & gab sessions.

On Sunday morning Tom Yingling did a short talk on the changing policies of FM & TV station on verifying reception reports. Next scheduled was a club headquarters report on how well the club is doing, but no HQ's member made it to the convention. So we drew names for the door prizes. Since the turnout was low, everybody got a door prize! 1st place prize was an Alliance U-100 antenna rotor won by Mark Wilson. 2nd prize was a VCR Video switcher won by Pat Dyer. Other smaller prizes were WRNO Shortwave World Fair belt buckles, WRNO T-shirts & WTFDA club T-shirts.

The names of members that did make to New Orleans for the convention are below. There could have been a lot more from just the neighboring states, but they didn't come. Oh well, we still had a good time. Below is the list that did come.

Terry Colgan, Austin, TX; Dan Bartek, Wahoo, NE; Joe Gragg, Palestine, TX; Tom Yingling, Baltimore, MD; Anthony Mann, Baton Rouge, LA; Robert Grant, Detroit, MI; Marvin Shults, Toulon, IL; Pat Dyer, San Antonio, TX; Joe Perge, Newark, OH; Mark Wilson, Monroe, LA; William Eckberg, Dixon, IL; Noah Robert, Metairie, LA & Ron Le Blanc, Marrero, LA - Convention Host.

DX was in during the convention weekend. On Ron's dx set up the best mileage seen was 485 into Corpus Christi, TX ch. 16. With the help of Ron, Joe Gragg took care of the dx loggings. There was some E-skip seen, but no IDs were made.



WDSU-TV channel 6
was the first stop on
the convention station
tour.



giving one of his lectures on propagation is Joe Gragg. Behind him is Ron Le Blanc's DX set-up.



relaxing after the cook-out are: (left to right) Joe Gragg; Pat Dyer; Terry Colgan from ANARC; Anthony Mann and William Eckberg.



In front kneeling from (left to right) are Marvin Shults, Toulon IL; Dan Bartek, Wahoo NE. Standing (l. to r.) Joe Perge, Newark OH; Joe Gragg, Palestine TX; Tom Yingling, Baltimore MD; Terry Colgan, Austin TX; Anthony Mann, Btm. Rouge LA; unIDed; Pat Dyer San Antonio TX; Bill Eckberg, Dixon IL; Bob Grant, Detroit MI.

Convention DX Log

file#	ch.	cell	city/state
1	1	WLT	Orleans, LA
2	2	WDOES	Orleans, LA
3	3	WGNO	Orleans, LA
4	4	WNAF	Orleans, LA
5	5	WALFB	Orleans, LA
6	6	WBRB	Orleans, LA
7	7	WLPR	Orleans, LA
8	8	WATON	Orleans, LA
9	9	WALEY	Orleans, LA
10	10	WABT	Orleans, LA
11	11	WDBX	Orleans, LA
12	12	WPLA	Orleans, LA
13	13	WJTE	Orleans, LA
14	14	WVPH	Orleans, LA
15	15	WPHX	Orleans, LA
16	16	WVA	Orleans, LA
17	17	WBAC	Orleans, LA
18	18	WHARD	Orleans, LA
19	19	WTBK	Orleans, LA
20	20	WATOK	Orleans, LA
21	21	WPOW	Orleans, LA
22	22	WUDW	Orleans, LA
23	23	WEDT	Orleans, LA
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See you all in 1986 August first, second and third at Jamestown, New York.

FM STATISTICS

FM SCOREBOARD

Fred Nordquist
7945 Boxford Road
Clay, NY 13041
Deadline: the 5th

RANK	NAME	LOCATION	TOTAL	88-92	ES	MS	AL	USA	CN	MX	FD	TPL	VB	AS OF:	
SORT BY TOTAL															
1	PAT DYER	TX SAN ANTONIO	19.5	296	.554	34	0	43+	3	.9	4	70	70	10/31/85	
2	DANNY BUNTING	OK STILLWATER	15.88	242	.913	4	0	48+	5	9	2	65	74	11/24/84	
3	BRUCE E. LIVING	MN DULUTH	14.96	213	1.231	8	7	44+	3	1	0	49	48	03/03/85	
4	JOHN EBELING	MN BLOOMINGTON	14.44	232	.813	48	75	47+	4	5	0	57	52	01/02/85	
5	JIM PIZZI	VA LOVINGTON	13.13	185	1.044	27	0	38	5	28	3	66	81	03/04/85	
6	RALPH STROBEL	IN MUNCIE	12.71	340	.238	58	4	39+	6	1	0	47	72	10/18/85	
7	MIKE BUGAS	CT ENFIELD	12.34	168	.666	2	12	37+	4	0	1	43	74	09/12/85	
8	FRED NORDQUIST	NY CLAY	12.24	205	.592	29	57	39+	5	0	2	47	69	09/04/85	
9	FRED McCORMACK	ND DES LACS	10.90	148	.801	25	87	44+	6	4	0	55	65	06/28/84	
10	PETER SAWATZKY	ON KITCHENER	10.88	167	.500	112	6	38+	7	0	1	47	71	11/11/84	
11	BOB SEYBOLD	NY DUNKIRK	10.87	167	.532	0	0	*1	6	2	0	48	50	10/12/85	
12	JOSEPH FELA	NJ S. PLAINFIELD	10.80	227	.516	2	9	37+	5	0	3	46	68	06/23/85	
13	DAVID NIEMAN	NY AKRON	10.53	269	.288	37	28	42+	8	0	3	54	59	08/15/85	
14	FRED MCCRACK	ND FARSD	8.68	106	.565	3	48	47+	5	2	0	54	74	06/28/84	
15	HANK HOLBROOK	MD CHEVY CHASE	*	819	203	216	16	8	35+	5	0	3	44	59	06/28/85
16	JOHN JEFFERSON	CA PLEASANTON	8.61	164	.425	136	0	24	4	4	0	32	57	06/27/85	
17	JOHN EBELING	MN PROSIT	6.72	121	.364	3	5	41+	8	0	0	51	75	01/02/85	
18	DANIEL DETTING	PA BROADM	6.57	151	.226	6	3	32+	6	0	0	39	77	11/11/84	
19	RICHARD STEINBERGER	MA HUDSON	6.48	133	.286	12	6	35+	4	0	0	48	58	09/22/84	
20	JOSEPH SMITH	NY JOHNSON CITY	6.85	68	.165	0	0	34+	2	0	1	38	71	04/20/84	
21	KEN SIMON	FL LAKE WORTH	5.45	148	.437	0	0	34+	2	4	0	49	66	07/05/85	
22	ALAN MICHALEK	MA SPRINGFIELD	5.14	62	.273	0	0	36	5	0	0	41	52	09/05/85	
23	PAT DURKIN	WI WEST ALLIS	4.28	89	.81	0	0	32+	3	0	0	36	78	08/29/84	
24	THOMAS YINGLING	MD BALTIMORE	*	3.54	.54	131	1	0	0	0	0	0	71	04/08/84	
25	PAT DURKIN	MN WOODBURY	3.29	51	.97	2	0	31	1	1	0	33	81	08/29/84	
26	MIKE HOGAN	IL BURNHAM	3.15	62	.32	0	0	24	1	0	0	25	76	08/16/84	
27	BOB SMOLAREK	NJ OLDWICK	2.63	68	1	0	0	15	1	0	0	16	78	10/29/84	
28	BOB SCHWEITZER	NJ E. BRUNSWICK	2.45	75	7	0	0	11+	0	0	0	12	77	08/10/84	
29	ROBERT ROSS	ON LONDON	2.21	56	26	0	0	16	1	0	0	17	76	08/01/85	
30	PAUL MOUNT	NJ TEANECK	2.16	28	28	0	0	21+	1	0	0	23	79	04/02/84	
31	BILL NOLMAN	CT NORWICH	2.04	31	31	0	0	23	0	0	0	23	81	03/12/85	
32	RONALD PURDE	MN BYRON	1.98	3	.95	0	0	20+	0	3	0	24	81	06/30/84	
33	FRANK WHEELER	PA ERIE	1.55	19	3	0	0	7	1	0	0	8	64	03/04/85	
34	WILLIAM HEPBURN	ON NIAGARA FALLS	1.44	51	.35	0	0	18+	1	0	0	20	79	08/10/84	
35	GUS MANCUSO	MD CHEVERLY	1.28	16	2	0	0	9+	0	0	0	7	70	08/22/84	
36	BOB SCHWEITZER	NJ OLD BRIDGE	1.25	33	0	0	0	9+	0	0	0	10	82	08/10/84	
37	LARRY VAN HORN	FL ORANGE PARK	0.98	15	0	0	0	4	0	0	0	4	85	09/22/85	
38	WILLIAM HEPBURN	NT CORAL HARBOUR	0.56	5	.55	0	0	5	0	0	0	13	84	08/10/84	

*=VERIFIED

COLUMN DEFINITIONS are as follows: Total=Total number of FM stations logged. (Freq. changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes.) 88-92=All stations logged from 88.0 to 91.99 Mhz. Es=Total number of stations logged via E-skip. MS=Total by meso scatter. Au=Total via Aurora USA=Total number of states and the '+' = Washington, DC. CN=Number of Canadian provinces logged. MX=Number of Mexican states logged. FD=Number of foreign countries, but not Canada or Mexico. TPL=total number of political units=sum of USA CN MX and FD. VB=The year you began DXing

Thanks to all of those who updated their FM Statistics over the past year. However, the following DXers need to update their totals to avoid being dropped from the FM Scoreboard: Danny Bunting, Fred McCormack, Peter Sawatzky, Daniel Detting, Richard Steinberger, Pat Durkin, Thomas Yingling, Mike Hogan, Bob Smolarek, Bob Schweitzer, Paul Mount, Ronald Purde, William Hepburn, and Gus Mancuso. States Stats and other FM statistics of interest will be published next time.....73, Fred *And*

Worldwide TV-FM DX Association

SOUTHERN FM DX

DECEMBER 1985 - MERRY CHRISTMAS AND A HAPPY NEW DXFUL NEW YEAR!

PLEASE SEND NO MORE REPORTS TO SFM UNTIL NEW EDITOR IS FOUND

PAT DYER CONCLUDES REPORTING WITH 1150 MI. TROP!

Jim Pizzi, P. O. Box 1778, Lovington, NM 88260	(505)396-3251	MDT/MST
8/11 tr	10/2 tr	
0957 KRBE 104.1 TX Houston	530	2341 KWMJ 103.7 TX Midland, off freq. or change?
8/12 MS	810	2344 KATP 107.1 TX Canyon, r, "The cat107.1"
0848 KLFM 98.1 CA San Diego, calls	370	9/6 tr
(rcvd.in car w/power antenna nested in fender, very strong when ant. up but no OKC)	0016 KHCB 105.7 TX Houston, ID	530
9/7 Ditto above (9/6).	0018 KQUE 102.9 TX " EL	
9/23 Es	0020 KUHF 88.7 ' J	
1904 unID 88.5 mx, L, mo no (rcvd once before-XHCM is \$, r, this one in Puebla area.)	0021 KRBE 104.1 "	
1905 XEOY 89.7 DF, c	960	0022 KIOC 106.1 TX Orange,sports, "K-106" (on vert. only, horz. had KTKS, Denton, TX)
1905 XHRS 90.1 PUE Puebla, tent. nx	774	10/26 MS
1907 XEDA 90.5 DF	788	0851 KMCC 102.9 TX Dallas, tent., "... on Magic...point 9"
1910 XHVC 90.9 PUE Puebla, tent. L	240	tr UNID 102.9 "...Hot rocks 103...."
9/24 MS	2320 KLYF 100.3 IA Des Moines, "Cedar Falls presented by the Des Moines home builders..."	0851 KRQU 102.9 WY Laramie,"...in Cheyenne..."
tr	774	585 mi.
- KWMJ 103.7 TX Midland, off freq., 10-1 KWMJ back on 103.3	2218 KSJT 107.5 TX San Angelo, SS, L, \$ 196	(All of three within 30 seconds on car FM)
2230 KIVA 105.1 NM Santa Fe, r	788	Nothing much happening here, some new semi-locals on the air. I've been paying more attention to MS with the lack of Es and tr. Akai At-VO4 in repair(6 station pre-select hasn't worked for a long time). Might as well get it fixed during these doldrums.
"Kee-va FM"	240	Sorry, to see you stepping down as FM South editor, Danny. You've done an excellent job.
2338 KHBQ 107.9 TX Canyon, Q-107, from 107.1	240	Keith Pugh, 227 Martin St. New Hope, AL 35760
		Danny, hate to see that you're resigning from your column. But I do understand your decision. Last year I received only 16 stations by Es. Trop was even worse with only a couple of logs outside the semi-local range. My total for '84 was 60, about the same for 1983. So for me this year was great, compared to the last two. I've been thinking (hoping) that Es activity will be climbing to a peak within the next few years.
		I found that I made a mistake on my Oct. report. The 8/12 MS log of WKIZ 94.1 Yorktown, VA will not be counted unless they changed to a b format. The atlas says K, and I have yet to hear a K say "Spend your day with EZ-..." My non-digital could also have been on 93.9 CKEZ Windsor, ON. But I thought I heard W!(drat!). My thanks to Glenn Lavender for IDing my unIDs. I had suspected Monroe, LA. Good trop on Oct. 4, the early morning stay up all night type. WRVU 91.1 Nashville, TN alerted me to good possibilities as the DJ announced that he had a call on the phone from Akron, NY, saying they were coming in pretty well. Dave Nieman? My first log of Cincinnati surprised me. Most of the trop was KY signals, which were very strong. WBNF Buffalo really surprised me. My farthest trop at 700 miles. Also my only ID for the Orinids Meteor shower, "... WBNF-FM..."
		10/4 tr
1100 WEKH 90.9 KY Hazard, new to air, ID	0305 WQOK 92.1 TN Hendersonville, s, ID	
10/3 tr	0318 WKOA 100.3 KY Hopkinsville, "K-100"	
0648 WZLII 106.1 GA Toccoa, ID	0329 WBKR 92.5 KY Owensboro, k, ID	
1107 WKRM 102.3 TN Carthage, ID	0415 WBNB 102.5 NY Buffalo, "Rock-102", wx700	
10/4 tr	0430 WERM 102.7 OH Cincinnati, ID	330
0158 WVXU 91.7 OH Cincinnati, r, ID	0445 WLSK 100.9 KY Lebanon, k, ID	
0200 WBKY 91.3 KY Lexington, ID	0448 WKDQ 99.5 KY Henderson, "KQ-99"	
0214 WRJB 98.3 TN Camden, r, ID	0455 WGBL 102.3 KY Benton, s/on	
0218 WSTO 96.1 KY Owensboro, ID	0500 WKYU 88.9 KY Bowling Green, s/on	
0246 WJSQ 101.7 TN Athens, ID	0514 WAMZ 97.5 KY Louisville, k, ID	
0258 WKQQ 98.1 KY Lexington, "Double-Q"	cont.....	

SOUTHERN FM DX

Pugh, cont.

DECEMBER 1985

10/4 tr 0520 WNJK 89.3 KY Hopkinsville, s/on
 10/15 tr 0650 WOWE 105.5 GA Rossville, "Rock-105"
 10/17 tr 1539 KEZK 102.5 MO St.Louis, ID 375
 1900 WRKM 102.3 TN Carthage, ID
 2200 WMND 102.5 IN New Castle, k, ID 382
 10/18 tr 1843 WXBM 102.7 FL Milton, k, ID 277
 Everyone should keep their ears open for Dec. Es. Last year I had Es from Mexico on Dec. 2nd. Totals at 370. 73's and Merry DX-mas!

Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228 CST
 Equipment: Realistic TM-1001 tuner into Allied 426 Archer 6-e beam at 20' with rotor
 7/11 tr (cont. from last month) 7/16 Es
 0602 KOBR 95.9 TX Freer, local ad 110 1220 XEJPt 93.7 DF Mexico City, Sp. 690
 0639 XET 94.1 NL Monterrey, town ID 275 1247 XHRHt 93.3 Pue Puebla, Sp. 735
 0658 KJAV 104.9 TX Alamo, ad, wx 225 1250 XHJE 94.1 Pue Puebla, town ID
 0701 XHJD 98.9 NL Monterrey, local ad 275 1253 XHCTt 95.7 Mor Cuernavaca, Sp. 735
 0828 KZTX 106.3 TX Refugio, ID 110 1254 XHNP 89.3 Pue Puebla, ID
 1258 XEBS 89.7 DF Mexico City, slogan ID 1259 XHRF 88.1 DF Mexico City, ID 690
 0938-0939 unIDs to 89.3 ne 1302 XHCM 88.5 Mor Cuernavaca, state ID 735
 7/12 Es 1313 f/outs
 0125 KSMBT 94.5 LA Lafayette, r 395 0820 unIDs 88-89
 WRKFT 89.3 LA Baton Rouge, c 450
 0404 KJCS 103.3 TX Nacogdoches, ID 275
 Es 0723 KBEMt 88.5 MN Minneapolis, J 1110 0833 XHRM 92.5 BCN Tijuana, r, area sports
 0725 KSTPt 94.5 MN St. Paul 1110 0835 XETRA 91.1 BCN Tijuana, area ad 1100
 0732 WRST 90.3 WI Oshkosh, ID 1145 0844 KECR 93.3 CA El Cajon, g 1100
 0745 KOEL 92.3 IA Oelwien, town ID, k 985 0847 XHBA 104.1 BCN Mexicali, Sp. 1010
 0802 KQRS 92.5 MN Golden Valley, r, ID 0853 WWSP 89.9 WI Stevens Point 1150
 0804 KHBT 97.7 IA Humboldt, ID, wx 945 0900 KCRB 88.5 MN Bemidji, ID 1255
 0804 KTIS 98.5 MN Minneapolis, U nx, g 0903 KXRA 92.7 MN Alexandria, local wx 1145
 0828 WMHK 89.7 SC Columbia, ID, g 0905 KMPR 88.9 ND Minot, ND net ID 1300
 0833 WRNS 95.1 NC Kinston, k, ID 1075 0915 WIAL 94.1 WI Eau Claire, wx, I-94 1125
 0948 spotty 89's 0919 KJJt 92.3 AZ Glendale, k 840
 tr 0928 KESDt 88.3 SD Brookings, c 1020
 0929 KEYAt 88.5 ND Belcourt 1335
 0933 KMCM 92.5 MT Miles City, ID 1230
 Es 0938 KELO 92.5 SD Sioux Falls, EL 975
 0904 KFSI 88.5 MN Rochester, local wx 1060 0944 KKRC 93.5 SD Sioux Falls, r, ID
 0905 KEYAt 88.5 ND Belcourt, k 1335 0952 KNTFt 93.5 CA Ontario, k 1155
 KBVLT 94.7 CO Boulder, c 820 1000 KPCC 89.3 CA Pasadena, area nx 1185
 0906 KYGT 98.5 CO Denver, k 810 1005 KFAC 92.3 CA Los Angeles CA nx 1190
 0908 KBPI 105.9 CO Denver, r, ID 810 1008 KLOS 95.5 CA Los Angeles, r, ID
 0909 KLZY 92.5 WY Powell, area ID 1190 1013 KWXY 98.5 CA Cathedral City, ad 1080
 0915 spotty to 0926 1031 KUSDt 89.7 SD Vermillion, c 920
 7/14 Es KBHE 89.3 SD Rapid City, SD net ID 1040
 0918-0924 unIDs to 89.7 north or northeast 1038 f/outs
 7/15 Es 7/18 tr
 1716 KXLUT 88.9 CA Los Angeles, r 1190 0920 XETt 94.1 NL Monterrey 275
 1717 KPGCt 89.3 CA Pasadena 1185 XHRKT 95.7 NL Monterrey
 1721 KFOX 93.5 CA Redondo Beach, ad 1195 0928 XHSRO 92.5 NL Monterrey, town ID
 1724 KLW 88.1 CA Long Beach, ID 1180 7/20 Es
 1727 KFACT 92.3 CA Los Angeles, c 1190 0855 WBNI 89.1 IN Fort Wayne, town ID 1095
 1728 DWVE 107.9 CA San Clemente, ad 1150 1211 TG-- 88.1 Gua Guatemala City 1120
 1731 KNQB 97.9 CA Long Beach, ID 1180 1216 TGRT 88.9 Gua Guatemala City 1120
 1739 KLOS 95.5 CA Los Angeles, r, wx, ID (country ID's)
 1745-1805 lull 1220 f/outs
 1805 KVFMt 94.5 UT Logan, r 1115 7/22 Es
 KREXT 92.3 CO Grand Junction, EL 870 0731 WSCI 89.3 SC Charleston, SC net 1120
 1806 KUIN 92.7 UT Vernal, local ads 970 0732 WJWJ 89.9 SC Beaufort, //89.3 1075
 1815 KJQN 95.5 UT Ogden, r, "KJQ" 1100 tr
 1817 KRGt 107.9 UT Roy, k 1100 0734 WTYX 94.7 MS Jackson, wx 525
 1821 KLCY 94.1 UT Salt Lake City, ID, wx Es 0740 f/outs
 1829 KCPX 98.7 UT Salt Lake City, ID, r 7/25-28(at CSVHF Conf., Tulsa)
 1832 KYBU 88.9 UT Provo, c, ID 1045 7/30 Es
 1849 KSDSt 88.3 CA San Diego, j 1100 2024 KCRBt 88.5 MN Bemidji, c 1255
 1856 KSBR 88.5 CA Mission Viejo, ID 1150 2027 KTSt 98.5 MN Minneapolis, j 1110
 1903 f/outs cont.

SOUTHERN FM DX

Dyer, cont.

DECEMBER 1985

10/21 tr 7/30 Es
 0100 WSGS 101.1 KY Hazard, mono, ID 240 2028 KGBB 107.9 MN Anoka, area ad 1125
 MS 0228 WBEN 102.5 NY Buffalo, calls, mx 700 2032 CKSB-9t 89.1 ON Fort Frances, Fr. 1350
 10/22 tr 2039 KBNL 89.9 TX Laredo, g, ID 145
 0103 WIKQ 94.9 TN Greenville, r, ID 231 2046 WCALT 89.3 MN Northfield, c 1080
 10/24 tr 2049 KFJM 89.3 ND Grand Forks, ID 1240 lull 2114 f/outs
 2353 WQUT 101.5 TN Johnson City, r, ID 280
 10/18 tr 2133 KHYS 98.5 TX Port Arthur, "Kiss-98" 495
 1843 WXBM 102.7 FL Milton, k, ID 277 2305 WCKW 92.3 LA La Place, ID 7/31 Es
 Everyone should keep their ears open for Dec. Es. Last year I had Es from Mexico on 0916 TGRT 88.8 Gua Guatemala City
 Dec. 2nd. Totals at 370. 73's and Merry DX-mas! "R. Fabulosa" 1120
 0920 TG--t 94.9 Gua Guatemala City, Sp. 1120
 0921 TG--t 98.6 Gua Guatemala City, Sp. TG-- 88.1 Gua Guatemala City
 0934 WPKXt 88.5 FL Sunrise, r 1145 (country ID)
 8/1 tr 0944 XHNR 98.5 Oax Oaxaca, local ad 890
 0337 WCKW 92.3 LA La Place, ID 495 0947 XHZMt 92.5 Pue Puebla, Sp. 735
 WWNOT 89.9 LA New Orleans 510 0953 XHFRt 101.3 Vcz Veracruz, Sp. 760
 8/4 at WFTA convention in New Orleans 0956 XHNP 89.3 Pue Puebla, ID 735
 8/5 tr 2140 KQXYt 94.1 TX Beaumont, EL 275 1004 XHTZ 96.9 Vcz Jalapa, local ad 715
 2155 KHYS 98.5 TX Port Arthur, area ad 280 1015 XHGL 97.7 Yuc Merida, ID, "Stereo Mayan" 800
 8/6 tr 0758 KNUe 101.5 TX Tyler, wx 280 1022 Belize
 0740 KTUX 98.9 TX Carthage, area ad 310 Radio 1 91.1 Bze Belize City, ID 1080
 8/7 tr 0745 XHSRO 92.5 NL Monterrey, ad 275 1027 R. Belize t 88.9 Bze Belize City
 0748 XETt 94.1 NL Monterrey, Sp. 275 1046 XHMT 98.5 Yuc Merida, town ID 800
 0910 XHRK 95.7 NL Monterrey, slogan 275 1105 f/outs
 2335 KJEF 92.7 LA Jennings, ID 360 1205 WMNFt 88.5 FL Tampa 985
 8/8 tr 2131 WCKW 92.3 LA La Place, slogan ID 495 1402 TG--t 88.1 Gua
 0909 KOVT 94.1 NL Monterrey, Sp. 275 1403 TGRT 88.8 Gua Guatemala City, (country ID)
 0911 XHMR 95.7 NL Monterrey, slogan 275 very spotty - 1415 f/outs
 2336 KJEF 92.7 LA Jennings, ID 360 1744 KQYT 95.5 AZ Phoenix local nx 835
 8/9 tr 2131 WCKW 92.3 LA La Place, slogan ID 495 KMEOT 96.9 AZ Phoenix
 0810 KMCRt 91.5 AZ Phoenix 1745 KOVT 94.5 NM Gallup (Navajo) 720
 0811 KPOT 100.7 AZ Scottsdale, r 835 1746-1815 very spotty
 1804 WRKFT 89.3 LA Baton Rouge, c 450 1821 KQNM 93.7 NM Gallup local nx, KQ-93
 0048 KSMB 94.5 LA Lafayette, ID 395 1824 KILA 90.5 NV Las Vegas, ID 1050
 0055 KTIZ 96.9 LA Alexandria, ID 385 1824 KXTZt 94.1 NV Henderson, EL 1040
 8/11 tr 0110 KYKR 93.3 TX Port Arthur, ID 280 1825 KLUC 98.5 NV Las Vegas, r, ID 1050
 0127 KJEF 92.7 LA Jennings, ID 360 1833 KCEP 88.1 NV Las Vegas, psa, ID
 8/12 MS 0834 KOMPt 92.3 NV Las Vegas, r 1834 KOMPt 92.3 NV Las Vegas, r
 0834 KCUR 89.3 MO Kansas City, ID 700 1835 KUPD 97.9 AZ Tempe, area ads 825
 1138 KDCR 88.5 IA Sioux Center, ID 945 1840 KHEP 101.5 AZ Phoenix, local psa's 835
 8/13 MS 0544 KDCR 88.5 IA Sioux Center, wx, ID 945 1841 KKLT 98.7 AZ Phoenix, ads, r, "K-Lite" 820
 0559 WDYN 89.7 TN Chattanooga, ID 865 1843 KDKB 93.3 AZ Mesa, ID, r 820
 0847 KDCR wx 1846 KOOL 94.5 AZ Phoenix, ID 835
 tr 1224 KNFM 92.3 TX Midland, town ID 280 1859 KNAU 88.7 AZ Flagstaff, ID 855
 1225 KUFO 97.9 TX Odessa, "UFO" ID 275 1905 KRFM 96.5 AZ Show Low, local ads 745
 1227 KQIP 96.9 TX Odessa, town ID 275 1909 KVWM 93.5 AZ Show Low, local ads
 8/16 tr 2144 KQXY 94.1 TX Beaumont, IL, ID 275 1912 KEERt 97.1 NV Las Vegas 1050
 2146 WCKW 92.3 LA La Place, ID, k 495 1916 KMZKt 106.3 AZ Sun City, r 850
 2227 KGGZ 98.1 LA Baton Rouge, Z-98 450 1920 KSTMt 107.1 AZ Apache Junction 810
 2249 KSMb 94.5 LA Lafayette, area ad 395 (1927-1935, 144.2 MHz to WA7JTM Phoenix)
 8/17 tr 1941 KMLE
 0000 KTIZ 96.9 LA Alexandria, ID 385 1948 KUPD
 8/18 tr 1950 KDKB 93.3 AZ Mesa, ID, r 820
 0005 WCKW 92.3 LA La Place, slogan ID 495 1955 f/outs
 8/19 tr 0542 WGGZ 98.1 LA Baton Rouge, r, "Z-98" 450 10/4 tr
 0818 WCKW 92.3 LA La Place, ID 495 10/7 tr
 2236 KCRM 103.1 TX Cameron, ID 140 0201 WFYN 92.5 FL Key West, r, ID 1090
 9/1 tr 0745 WCKW 92.3 LA La Place, slogan ID 140 0238 KYKR 93.3 TX Port Arthur, k, ID 280
 0748 WCKW 92.3 LA La Place, slogan ID 495 0259 WMCU 89.7 FL Miami, g, ID 1150
 9/12 MS 0748 WCKW 92.3 LA La Place, slogan ID 275 2214 KHRN 94.3 TX Hearne, s, ID 155
 0622 KDCRt 88.5 IA Sioux Center, IA wx 945 2300 WMAU 88.9 MS Bude, net s/off 470
 10/13 Es 1700-1702 WUSFt 89.7 FL Tampa, j 985
 cont.

Most striking, an August without any FM Es! The first such I've suffered thru since getting serious with FM Dxing. Perseid meteors a bit productive - however, hard to find a clear channel anymore without some faint trop hanging there. Spent a lot of time on 92.5 trying to null down Dallas. 88.5 good but kept getting KDCR! In July-Aug. local on 101.9 at various times running its auxiliary austr (apx 3.7 mi. north of me vs. main apx 7.3 mi. se). With all the overload, crossmod, etc., I thought my tuner had developed a problem. Finally matched the problem with the changes in signal/direction of the local. Almost got into the market for a tuneable FM trap!

Considering the August lack of Es, the Sept. 23rd event really a shock - with the MUF reaching something it never got to all summer here: 2-Meters. Can't recall another Sept. with 7 new Es catches. The Mexico portion(4) provided two new estadios(Oax., Yuc.). No Mexico City stations noted; I don't know how many are active since the quake(Sept. 19), but reports had the 96.9 tower down.

A strange thing with the Oct. ducting was there was virtually no evidence of it on the TV. (But there's not much TV between Miami and Key West.) I'd noticed the rock station on 92.5 and thinking it was Dallas went mne with the antenna and lost it! Peaking ese I was pretty sure who it was, but the ID was long in coming. I didn't really catch on with the 89.7 religious for a while but luckily they stayed in for the hour until a full ID. I checked for other Miami and south Fl stations but those were the only one in. I think WMCU antenna much south of the others in Miami. A very sharp duct(or most of it into the Gulf etc., where nil on.) Meteor rates were up some on Oct 8-9, but I think the Orions later in the month might have been better. Certainly nothing close to a meteor "storm" some had hoped for. Local-to-be 89.1 target now next Spring. And, as feared they'll be pumping their 100-kw ERP from a site some 3.7 miles nne of me. That's almost the same distance the local 101.9 aux austr was making a mess of things from. At least there's some time to get a good tuneable trap. 73. (Or a new tuner? DB)

FM Es 1980			FM Es 1981			FM Es 1982		
days	#	min	days	#	min	days	#	min
Jan	4	18 520	Jan	2	3 145	Jan	4	5 245
Feb	0		Feb	0		Feb	2	3 65
Mar	0		Mar	0		Mar	2	3 28
Apr	0		Apr	0		Apr	2	2 25
May	5	18 550	May	18	17 995	May	13	25 998
Jun	28	37 2400	Jun	17	34 2200	Jun	22	46 2235
Jul	13	30 1625	Jul	17	31 2355	Jul	20	44 2555
Aug	4	13 498	Aus	7	13 625	Aus	8	10 135
Sep	0		Sep	0		Sep	0	
Oct	0		Oct	0		Oct	0	
Nov	3	3 235	Nov	3	3 115	Nov	1	1 48
Dec	1	1 18	Dec	4	4 50	Dec	3	4 258
sum	50	112 5830	sum	60	105 6485	sum	77	143 6568

FM Es 1983			FM Es 1984			FM Es 1985		
days	#	min	days	#	min	days	#	min
Jan	0		Jan	1	1 28	Jan	10	11 278
Feb	0		Feb	2	2 45	Feb	2	2 260
Mar	3	5 495	Mar	3	6 48	Mar	1	1 10
Apr	1	1 35	Apr	6	11 428	Apr	0	
May	9	15 585	May	14	29 1035	May	8	16 325
Jun	20	50 3430	Jun	19	43 2180	Jun	20	41 1950
Jul	22	51 3308	Jul	13	50 670	Jul	15	25 785
Aug	9	12 468	Aug	6	16 205	Aug	0	
Sep	3	3 25	Sep	4	4 38	Sep	1	4 230
Oct	2	2 28	Oct	2	3 10	Oct		
Nov	3	3 255	Nov	9	12 120	Nov		
Dec	4	18 158	Dec	9	12 615	Dec		
sum	76	152 3755	sum	88	100 5390	sum	57	100 38

EDITOR'S NOTE: And so this concludes my final Southern FM DX column. My thanks goes to those fine DXers who sent in good reports and kept the column going for the past 7 1/2 yrs. It was especially gratifying to have the response during the unforgettable DX days of the early 1980's. Now SPM may still need a new editor, so contact hq, if interested. 73.



David J. Nieman
12284 Nice Road
Akron, NY 14001
U.S.A.

continued from November

Jeff Kadet-Macomb, IL

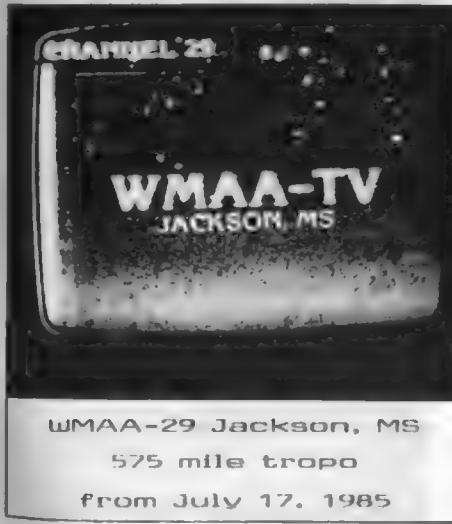
Jeff has had very good luck with his DX since moving to west central Illinois. Photo-News ends 1985 with some of Jeff's best tropo catches.



WDBB-17 Tuscaloosa, AL
535 mile tropo
from July 17, 1985



WL.YH-15 Lancaster, PA
750 mile tropo
from Aug. 12, 1985



WMAA-29 Jackson, MS
575 mile tropo
from July 17, 1985



WBFF-45 Baltimore, MD
735 mile tropo
from Aug. 12, 1985

Next we mosey on down to Jim Pizzi's Lovington, New Mexico spread.



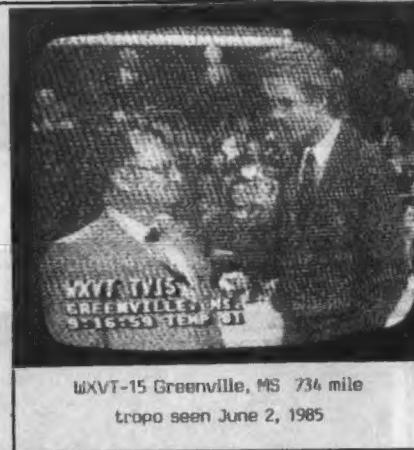
XHPAH-03 Pachuga, HGO 936 mile
E-skip seen Dec. 12, 1984



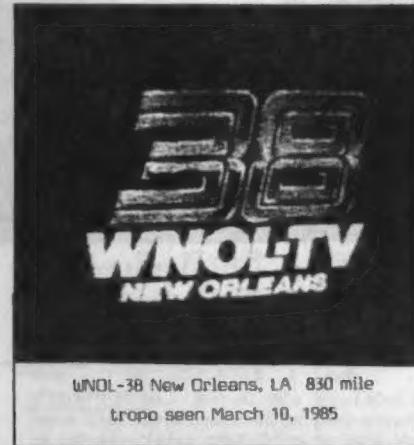
WSRE-23 Pensacola, FL 960 mile
tropo seen June 2, 1985



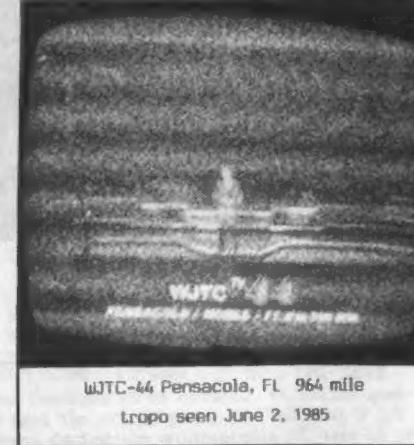
WECT-06 Wilmington, NC 1467 mile
E-skip seen Feb. 5, 1985



WXVT-15 Greenville, MS 734 mile
tropo seen June 2, 1985



WNOL-38 New Orleans, LA 830 mile
tropo seen March 10, 1985



WJTC-44 Pensacola, FL 964 mile
tropo seen June 2, 1985

Jim Pizzi continued...



KSNS-16 Joplin, MO 576 mile
tropo seen June 8, 1985

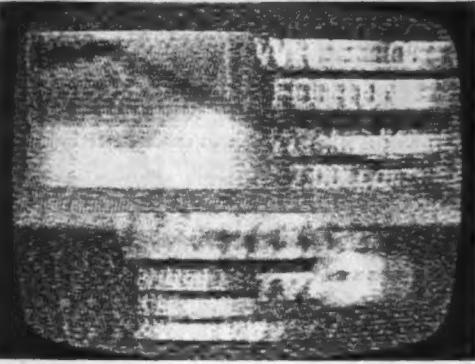


KZKC-62 Kansas City, MO 640 mile
tropo seen June 8, 1985

Now we meander on over to John Combs Jacksonville, FL orange grove.



KGAN-02 Cedar Rapids, IA 1002 mile
E-skip no date given



WCYB-05 Bristol, VA-TN 425 mile E-skip
no date "shortest ES seen by me at any location"



WHNS-21 Asheville, NC 370 mile
tropo no date given



WPMI-15 Mobile, AL 355 mile
tropo no date given

REVIEW

CHANNEL MASTER MODEL #7206
HI-Q UHF TV TRAP

by Rich Wertman

With many of these traps already in use and many wondering of their results I figured a down to earth summary should be made. These traps are a definite help, but not always a total cure, to overloading by locals.

However, this trap does a heck of a job in my case, where I have 2 locals both with over 1 million watts and within 12 miles of my QTH. The unit itself is quite rugged, but I wouldn't dare mount it outside unless it was in a total-weatherproof housing. It has 2 very precise weatherproof vernier tuners which are not at all sloppy, and an input and output jack. It is meant to be rack mounted and includes sheet metal screws for this purpose. It is housed in an all steel case, but inside, the walls are shielded with copper.



With the vernier tuners the trap almost seems like it won't tune out anything, but this is usually due to the fact that the person tuning is tuning the dials too fast. These things tune so tight that you can totally miss the trapping area. That is a characteristic of the #7206 that everyone gets used to after a few tries! The specs are: insertion loss - .5 db; attenuation - 40 dB. It is AC-DC passive if you're running an amp through it. These units are also highly stable and will not drift no matter what weather conditions are. I still believe that trapping before the amp is the best method because if you let a signal reach your amp (for example a 15dBmv local) it will then get another boost from whatever your amp gives it--and by the time that all reaches your trap indoors you'll have a hell of a mess of images on your hands. Sometimes that #7206 just can't do it all on its own!

If you don't have a "super bad" problem with a local or if you're just having an adjacent channel problem I believe this trap to be an excellent choice. The price range on these isn't as crazy as some others they usually sell, either, at around \$70.00--and well worth it! I'm not sure how all the other hi-Q traps that CM manufactures are, but they should work just as well if not better (since some are rated at 60 dB attenuation) than the #7206 trap.

My final comments on this unit are that it is a fine trap if you don't have an overgained amp and your nearest UHF local is not closer than about 15 miles away. If they are closer, it might be wise to use 2 traps or a trap at the antenna terminals.

I rate the 7206 trap a "10" and would recommend it to anyone experiencing overload and adjacent channel problems. Hope I've helped to answer some questions on this trap.

-73, Rich

SPECIAL REPORT

from ANSELMO ROCCAFORTE
in ARGENTINA

TRANSEQUATORIAL SCATTER (TE) FM DX REPORT FROM ARGENTINA "On Saturday, 5 October 1985, I heard WCRP-FM 88.1 MHz Guayama City, Puerto Rico, a hop of 3800+ miles. The opening was only a half hour (2200 EST). The Transequatorial skip between Central America and Argentina occurs very often; in a little town, called Coronel Suarez (350 miles from Buenos Aires) there is a small group of DXers which has been working FM and TV for many years, and has logged many FM stations of Central America; Puerto Rico and Coronel Suarez are on the same meridian (+ 65 degrees west)."

STATION BREAK

WTFDA H.Q.
P.O. Box 514
Buffalo, NY 14205-0514

WTFDA member ads only. 3 line or 30 word limit for single items.

FOR SALE - Bruce Portzer & I have acquired H. John Clements' estate of radio equipment which we have inventoried and are trying to get back into the DX community...what a mess of radios we've got! We would appreciate a self-addressed stamped envelope from those wanting a copy of the price list (this is not a commercial venture). Contact: Phil Bytheway, 9705 Mary N.W., Seattle WA 98117, (206) 784-5145.

FOR SALE - ASWLC bulletins, May-December 1982, \$5.00 plus \$2.00 postage ACE bulletins, August 1983 - April 1984, \$5.00 plus \$2.00 postage. ASWLC stamp, excellent condition, \$3.00 plus \$0.50 postage, must sell. Eric Bueneman, 836 Lamplight Lane, Hazelwood MO 63042-3407.

FOR SALE - Winegard DA-8150 82-channel post amp (condition brand new). 17 dB gain VHF, 21 dB UHF. FM also. Reason for selling is it's too much for my area with the amp on the tower. \$50.00 plus shipping. Write or call Rich Wertman, 315 Pine St., Lockport NY 14094.

WANTED: Good-quality, continuous, stereo recordings of soul/urban/jazz/R&B FM stations in the NYC and D.C. areas. I supply cassettes and postage. Tim McVey, 2822 Scarlett Oak, Knoxville TN 37909.

FOR SALE - 6 boxes - 300 ohm, 50 ft - Radio Shack shielded cable. Comparable to RG59. Originally sold for \$10 - very negotiable. Bill Nollman, phone (203) 726-0062 or (203) 889-7039.

FOR SALE - GE Superadio II, good cx, needs work, \$25.00 plus UPS. Winegard six-element FM antenna, good cx, must sell at \$20.00 plus \$10.00 for UPS insurance. Eric Bueneman - 836 Lamplight Lane - Hazelwood MO 63042-3407.

FOR SALE - Channel Master #4251 Paroscope 7' UHF dish still in box, never installed. Paid \$108.00, will sell for \$90.00 (negotiable) + u-pick up or shipment via truck--not UPSable. Write or call: Rich Wertman. 315 Pine St., Lockport NY 14094.

YOUR non-commercial ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.



TV STATISTICS

December 1985

DXer Location Total UHF XLTR Es AU MS YB

Bob Seybold	NY	Dunkirk	974	493	111	195	6	30	'50
Jim Pizzi	NM	Lovington	523	239	150	189	0	19	'81
Mike Lapinski	NY	Jamestown	410	282	55	47		1	'78
Roy Barstow	MA	Teaticket	350	188	32	84	1	5	'71
John Jefferson	CA	Pleasanton	136	50	17	63	0	1	'76

Above are recent updates for these Dxers. Send your updates.

Some of Roy Barstow's personal best:

Longest E-skip -- KLYB-4 Kansas 1600 miles
 Longest VHF high tropes--WRDW-12 GA 835 miles
 " VHF low tropes--WECT-6 NC 640 miles
 Longest UHF tropes--WLTV-23; WDZL 39; WHFT 45 Miami 1250 miles
 Best translator: W76AN, ch 76 (WCWV 57 VA) Cobbs Creek VA 420 mi.

Here are some old channel records. There will be more in future columns and any new updates as they are sent in. I plan to expand the stats column with more frequent columns if there is good response. Let's hear from you all out there. All channels 2-83 will be listed.

Channel 3 tropes - WRCV (now KYW) Philadelphia PA, 1045 miles.
 DXer - Bedford Brown, Hot Springs AR

Channel 40 tropes - WXLT Sarasota FL - 1060 mi - R. Cooper, OK
 " 41 " KWEX San Antonio TX - 1035 mi - J. Combs, FL
 " 42 " WBMG Birmingham AL - 805 mi - J. Rosenberg & Mark Lewis, Ontario

Channel 46 tropes - KNCT Belton TX - 990 mi - Combs, Orlando FL
 " 47 " WSVN Norton VA - 825 mi - Cooper, Oklahoma City
 " 48 " WYUR Huntsville AL - 900 mi - Buck Battin, Duluth MN

Channel 51 tropes - WKID Fort Lauderdale FL - 1150 mi - Pat Dyer, San Antonio TX

Channel 52 tropes - WKON Owenton KY - 455 mi - Joel Rosenberg, Downsview, Ontario

Channel 53 " WPGH Pittsburgh PA 765 mi - Battin, Minnesota

Channel 75 tropes - K75CJ Redwood Falls MN - Gary Olson, Deerfield IL

Channel 76 tropes - K76BZ Ottumwa IA - Robert Cooper, Oklahoma City

That's it for this time. Next deadline: January 1 1986.

73's Bob

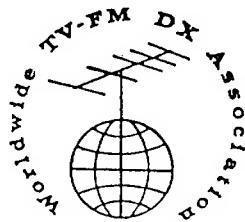
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